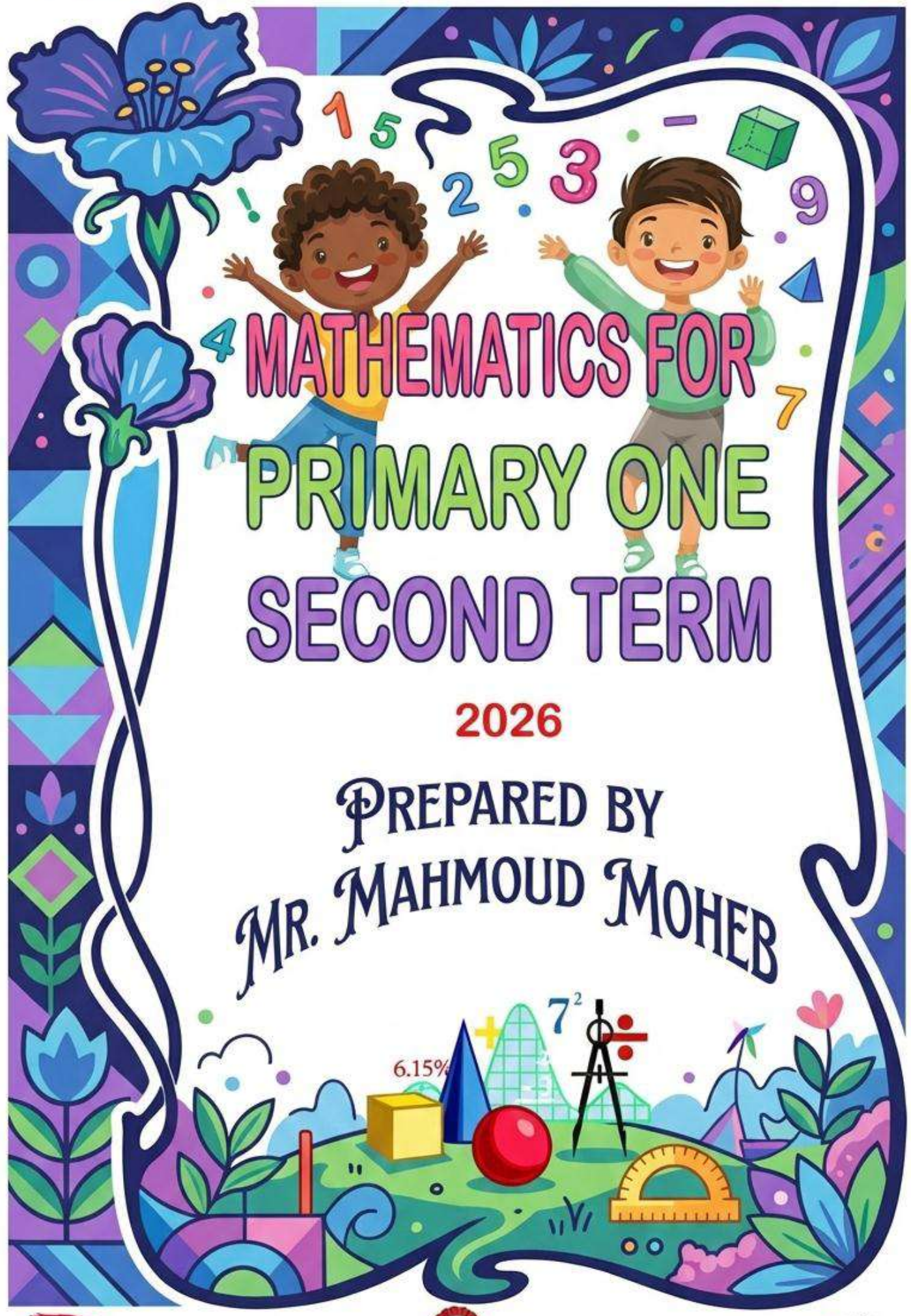




MATHEMATICS FOR PRIMARY ONE SECOND TERM

2026

PREPARED BY
MR. MAHMOUD MOHEB





INDEX

Chapter (10) | Different Shapes

1. Different Shapes (Part 1) 4
2. Different Shapes (Part 2) 6



Chapter (11) | How to Compare

1. Which Has More? (Part 1) 11
2. Which Has More? (Part 2) 13
3. Which Is Larger? (Part 1) 18
4. Which Is Larger? (Part 2) 19



Chapter (12) | Addition by Making 10

1. Addition (Part 1) 23
2. Addition (Part 2) 26



Chapter (13) | Subtraction by Using 10

1. Subtraction (Part 1) 29
2. Subtraction (Part 2) 31





Chapter (14) | Ones, Tens, and Hundreds

1. Making Groups of 10	35
2. How Many 10s and How Many 1s?	36
3. Ten 10s	39
4. How Numbers Are Arranged up to 100	44
5. Number Line up to 100	46
6. Numbers Bigger than 100	47
7. Adding and Subtracting Ones (Part 1)	54
8. Adding and Subtracting Ones (Part 2)	55
9. Adding and Subtracting Tens	57



Chapter (15) | Making Shapes

1. Making Shapes (Part 1)	62
2. Making Shapes (Part 2)	64
3. Making Shapes (Part 3)	65



Chapter (16) | What Time Is It?

1. What Time Is It? (Part 1)	71
2. What Time Is It? (Part 2)	74



Chapter (17) | Addition and Subtraction

1. Addition and Subtraction (Part 1)	80
2. Addition and Subtraction (Part 2)	83
3. Addition and Subtraction (Part 3)	84
4. Addition and Subtraction (Part 4)	88
5. Addition and Subtraction (Part 5)	89





Chapter (10)

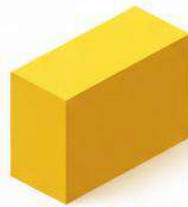
Different Shapes



Sphere (Ball)



Cube



Cuboid



Triangular Prism



Cylinder

Lesson (1)

Different Shapes (Part 1)

Which shapes did we use? Choose all that apply:

	A	B	C	D





	A	B	C	D



Circle the shape that matches the first object?

The object	A	B	C	D



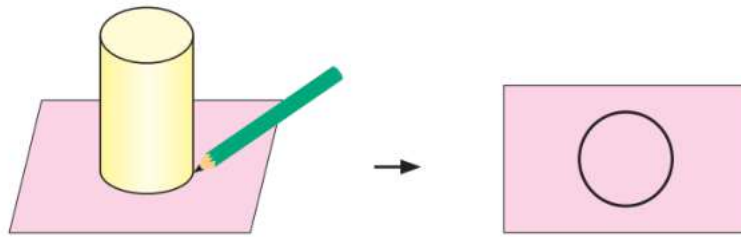


Lesson (2)

Different Shapes (Part 2)

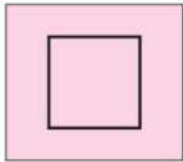
! When you trace shapes, you can find new shapes.

Example Cylinder Shape



We traced different shapes onto paper. Which shape did we trace?
Match each shape with the appropriate shape.

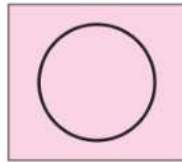
A



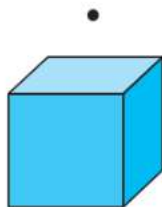
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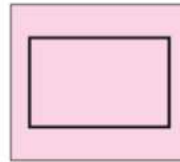
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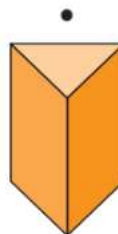
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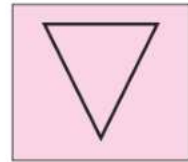
C



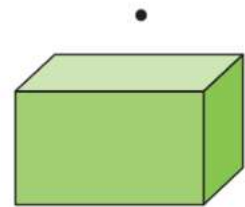
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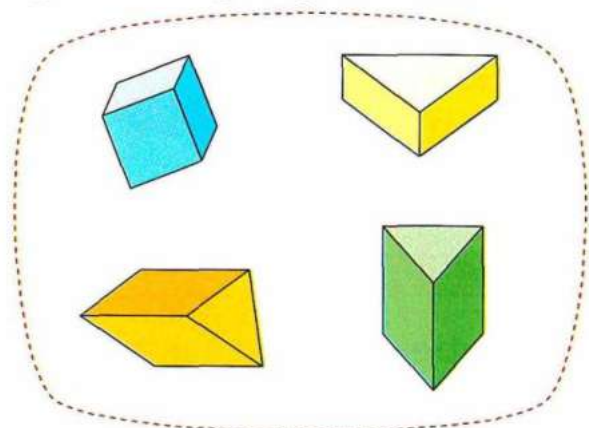
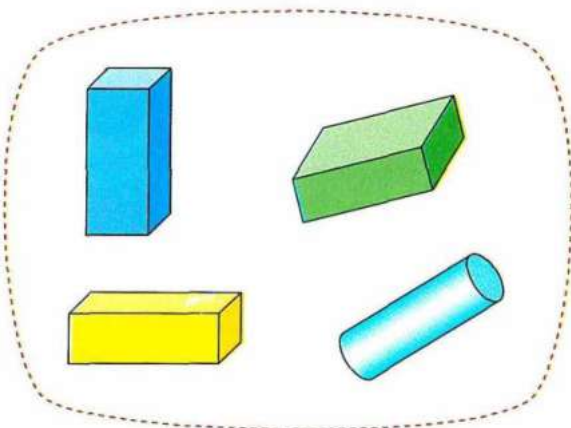
D



•

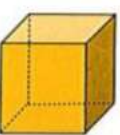
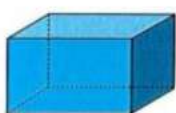
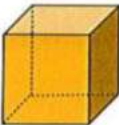
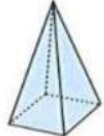
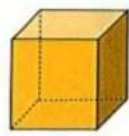
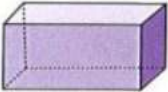
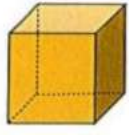


Cross out the shape that does not belong in each group.





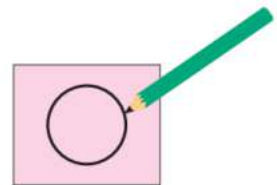
Circle the correct shape:



HOMWORK

We traced a shape onto paper, and it looks like the opposite shape. Which shape did we trace?



A



B



C

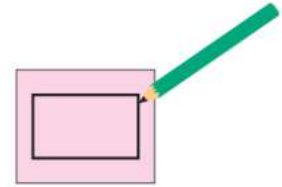


D

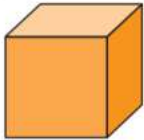




We traced a shape onto paper, and it looks like the opposite shape. Which shape did we trace?



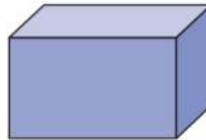
A



B



C

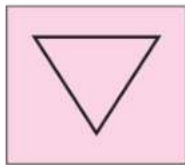


D



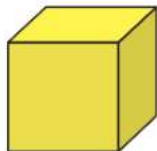
We traced different shapes onto paper. Which shape did we trace? Match each shape with the appropriate shape.

A

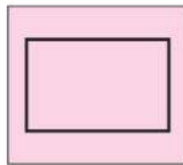


•

•



B

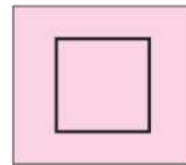


•

•

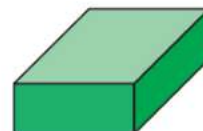


C

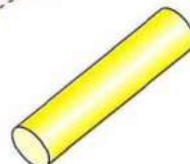
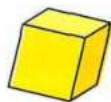
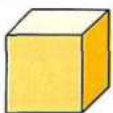


•

•



Cross out the shape that does not belong in each group.

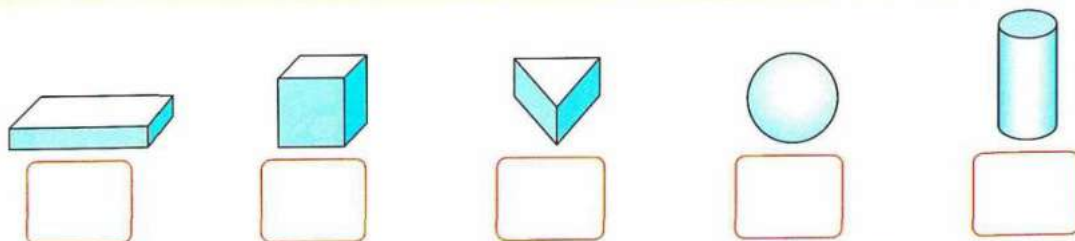
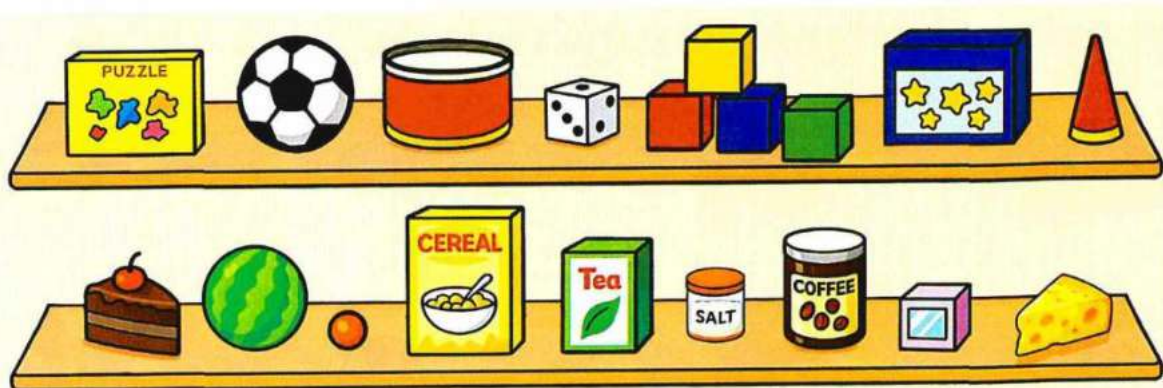


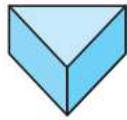
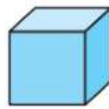
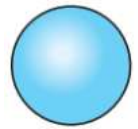


Cross out the odd shape:



Count and write the number of each shape.



**Cylinder****Prism****Cube****Cuboid****Ball**

Cylinder

Prism

Cube

Cuboid

Ball

Cylinder

Prism

Cube

Cuboid

Ball

Cylinder

Prism

Cube

Cuboid

Ball

Cylinder

Prism

Cube

Cuboid

Ball

Cylinder

Prism

Cube

Cuboid

Ball

Cylinder

Prism

Cube

Cuboid

Ball





Chapter (11)

How to Compare?



Lesson (1)

Which Has More? (Part 1)

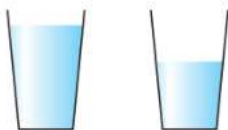
! When water is in identical containers, we compare the amount by the height of the water.

A**B**

→ The amount of water is more in A.



(1) Circle the one that has more water.

①**②**



Which container has more water in it?

① A



B



② A



B

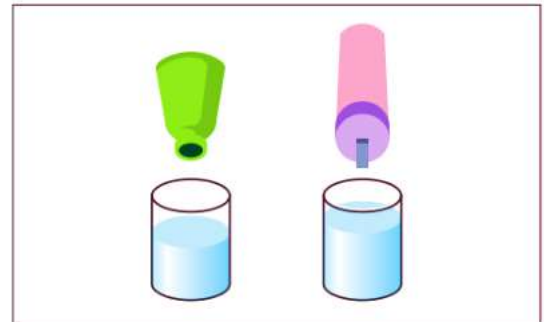


Which water bottle holds less water?

A

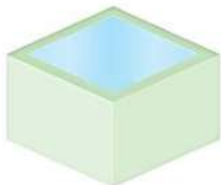


B

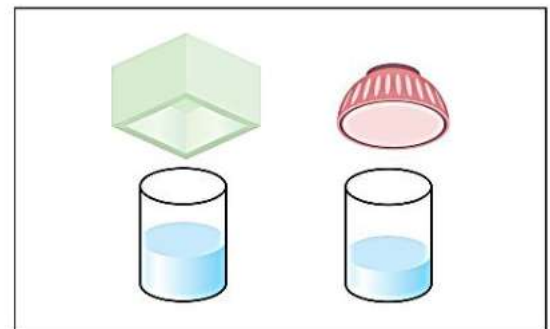


Which container holds less water?

A



B



Circle the container that has more water than the first one.



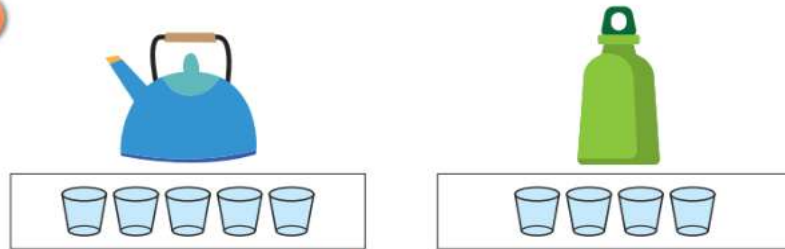


Lesson (2)

Which Has More? (Part 2)

! You can compare the amount of water by using "how many units".

Example



- The kettle holds **5 cups**.
 - The water bottle holds **4 cups**.
- **The kettle** holds **1 more cup**.

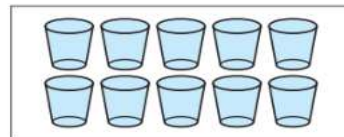
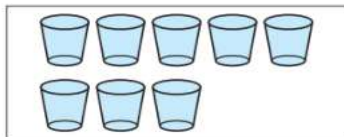


Look at the next picture and answer the questions.

A



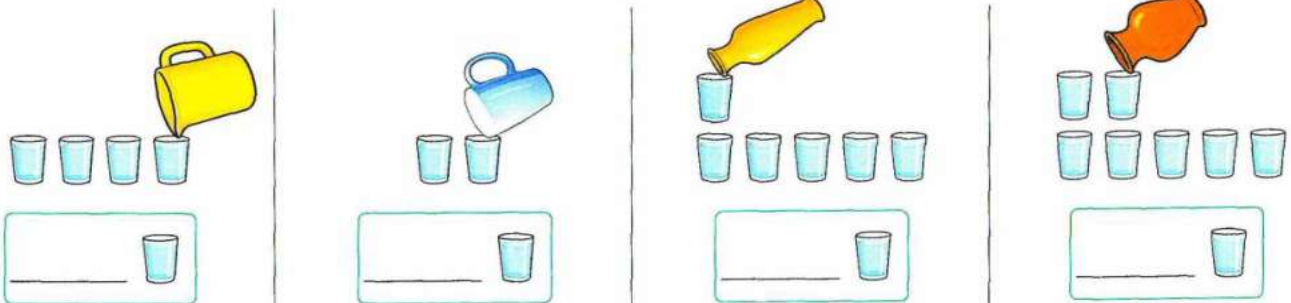
B



- (1) How many cups can A hold?
- (2) How many cups can B hold?
- (3) Which one holds more, A or B, and by how much?



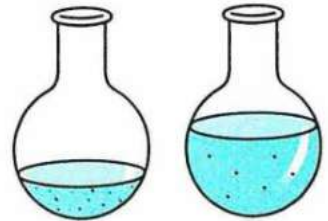
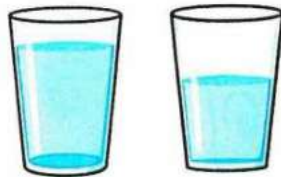
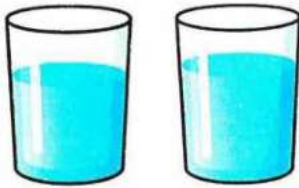
Notice the amount of water in each container.
Write how many cups.



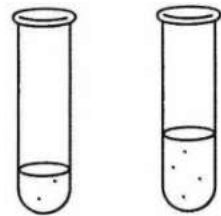
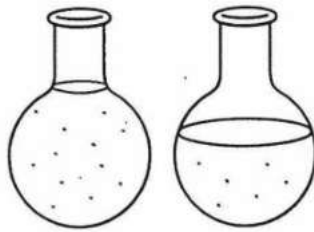
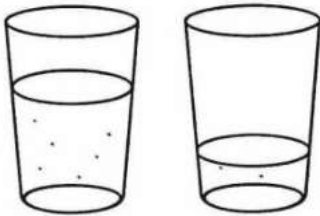


HOMESCHOOL

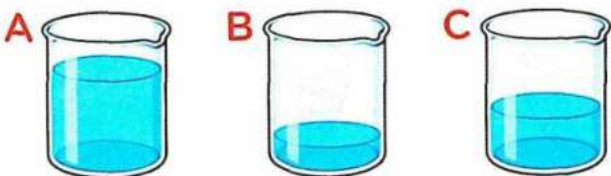
Circle the one that has more water.



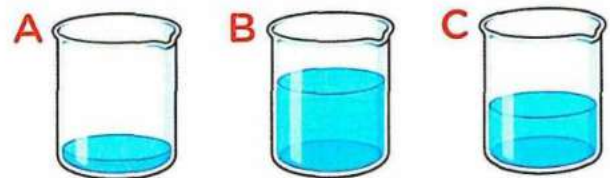
Color the one that has less water.



Arrange the containers in order from least to most water.



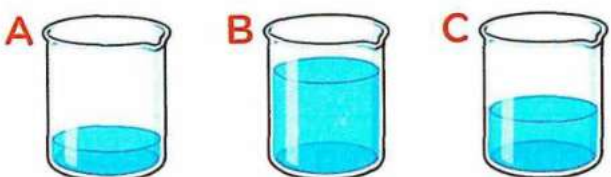
The order: _____, _____, _____



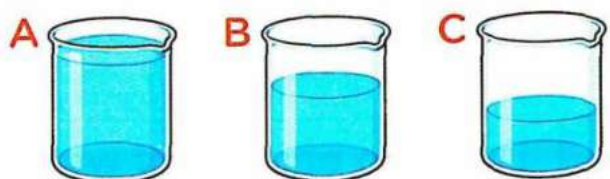
The order: _____, _____, _____



Arrange the containers in order from most to least water.



The order: _____, _____, _____



The order: _____, _____, _____

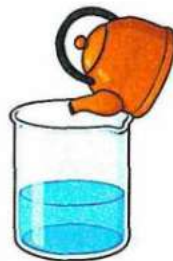
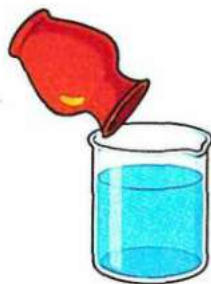




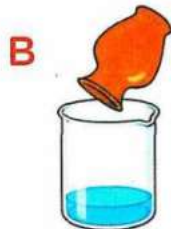
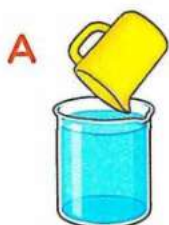
Which one holds more? Circle the object.



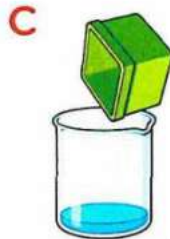
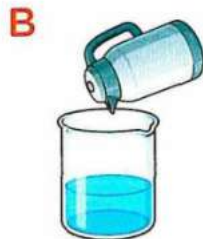
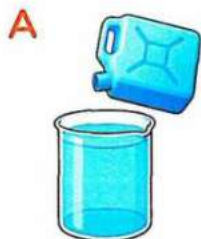
Which one holds less? Circle the object.



Arrange the containers in order from least to most water.



- The order : _____ , _____ , _____ .



- The order : _____ , _____ , _____ .





Circle the container that holds more amount of water.
The first one is done for you.



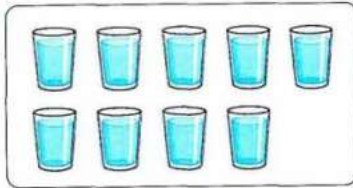
Circle the container that holds less amount of water.



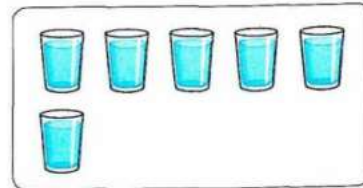


Look at the next picture and answer the questions.

A.



B.

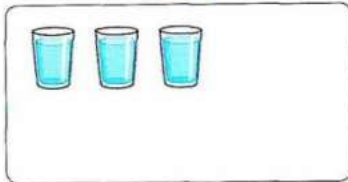


- (1) How many cups can A hold ?
- (2) How many cups can B hold ?
- (3) Which one holds more, A or B, and by how much ?

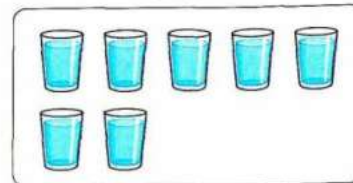
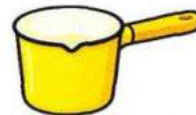


Look at the next picture and answer the questions.

A.



B.

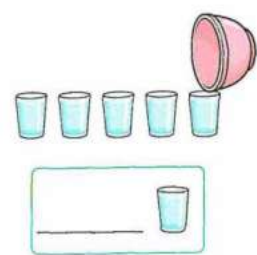
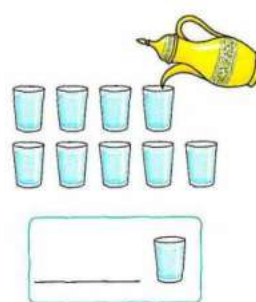
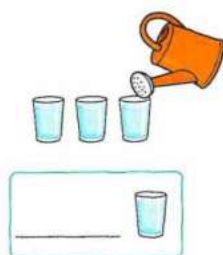
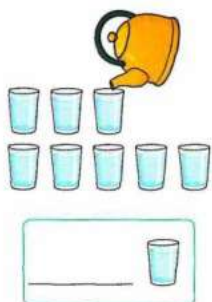


- (1) How many cups can A hold ?
- (2) How many cups can B hold ?
- (3) Which one holds more, A or B, and by how much ?



Notice the amount of water in each container.

Write how many cups.

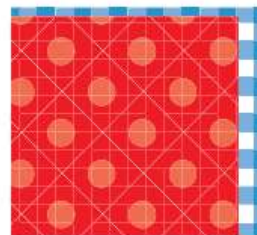
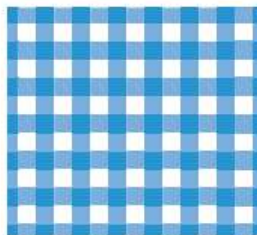




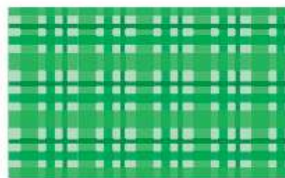
Lesson (3)

Which Is Larger? (Part 1)

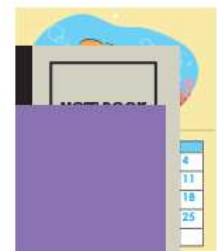
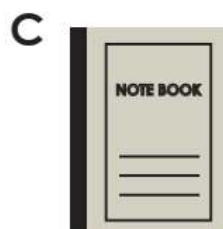
Which is larger in area, the red paper or the blue paper?



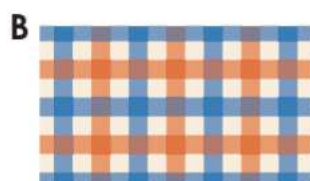
Which is larger in area, the yellow paper or the green paper?



Arrange from the largest area to the smallest area.



Arrange from the largest area to the smallest area.

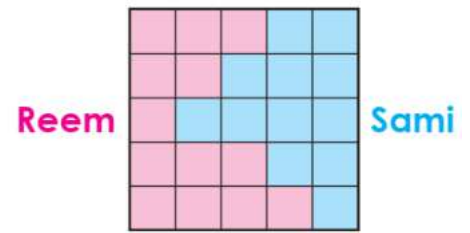




Lesson (4)

Which Is Larger? (Part 2)

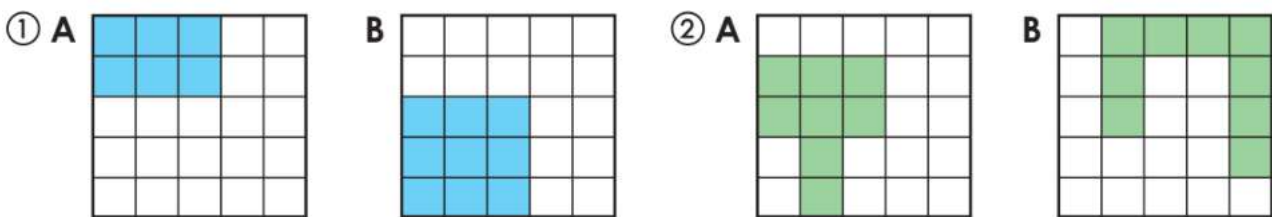
Reem and Sami colored the shape, and this is what it looked like on the right.



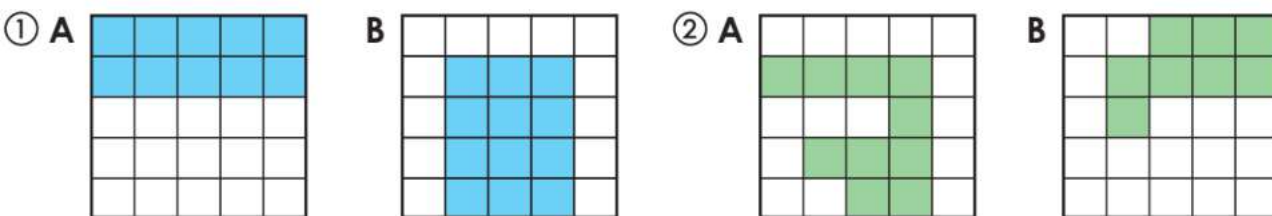
- (1) How many units did Reem color?
- (2) How many units did Sami color?
- (3) The one with the larger area wins. Which one wins?



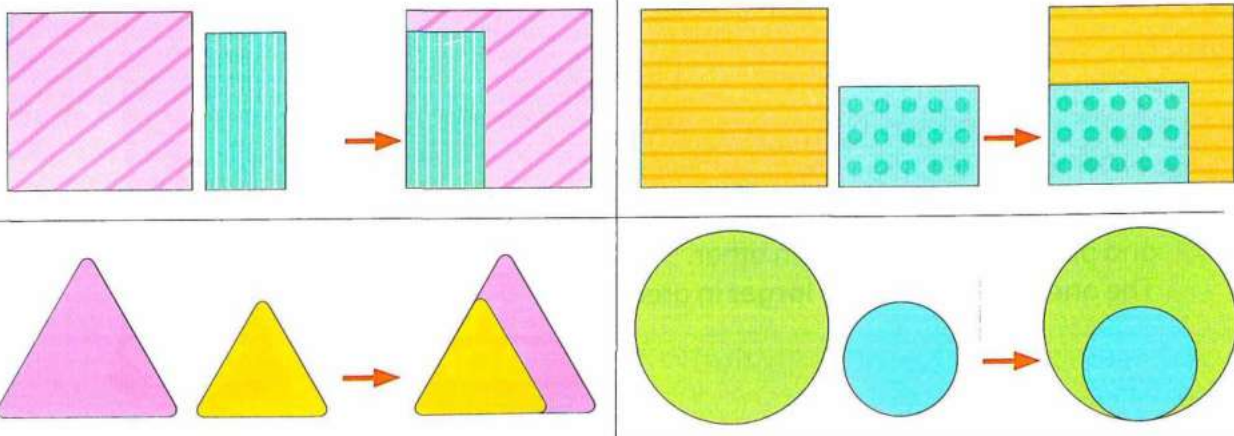
Which colored part is larger?



Which colored part is larger?



Compare the areas of the following. Circle the larger in area.





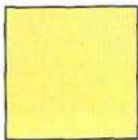
HOMEWORK

Which is smaller in area, the calender or the notebook ?

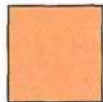


Arrange from the smallest area to the largest area.

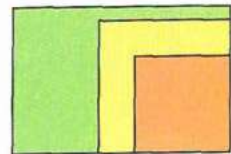
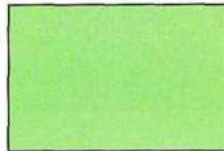
A.



B.

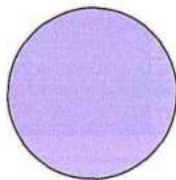


C.

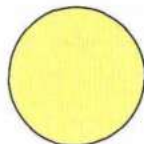


The order : B , A , C

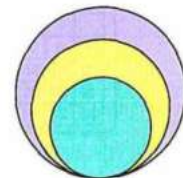
A.



B.



C.

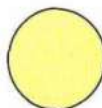


The order : _____ , _____ , _____

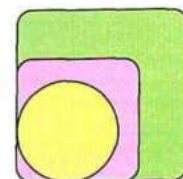
A.



B.



C.

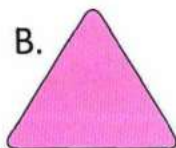


The order : _____ , _____ , _____

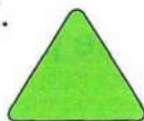
A.



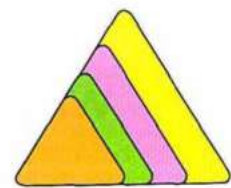
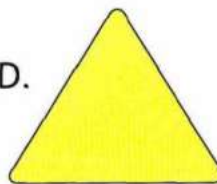
B.



C.



D.

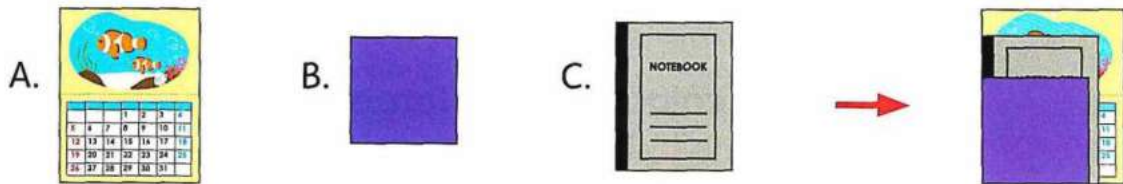


The order : _____ , _____ , _____ , _____

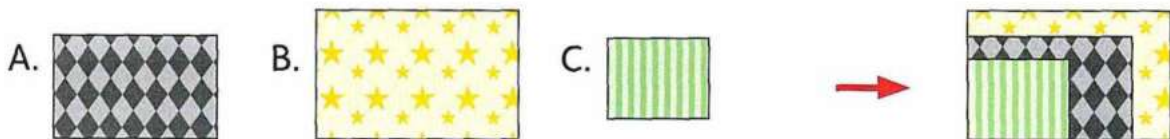




Arrange from the largest area to the smallest area.



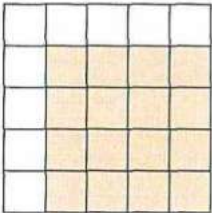
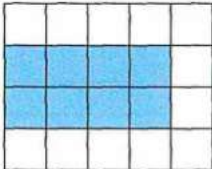
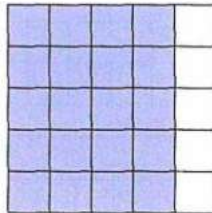
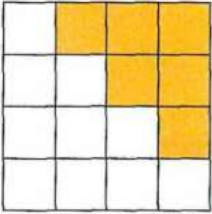
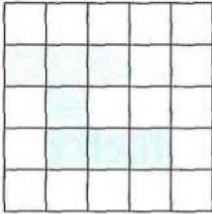
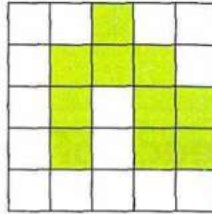
The order : _____ , _____ , _____



The order : _____ , _____ , _____



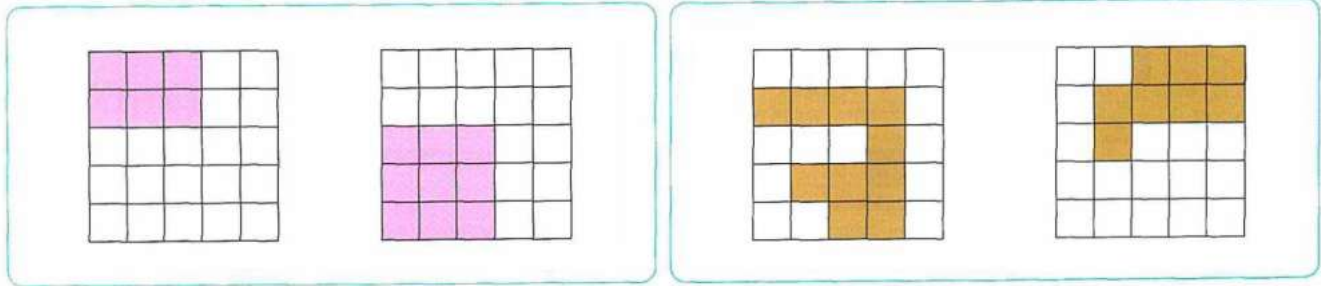
Count the squares of the colored area, and write how many units.

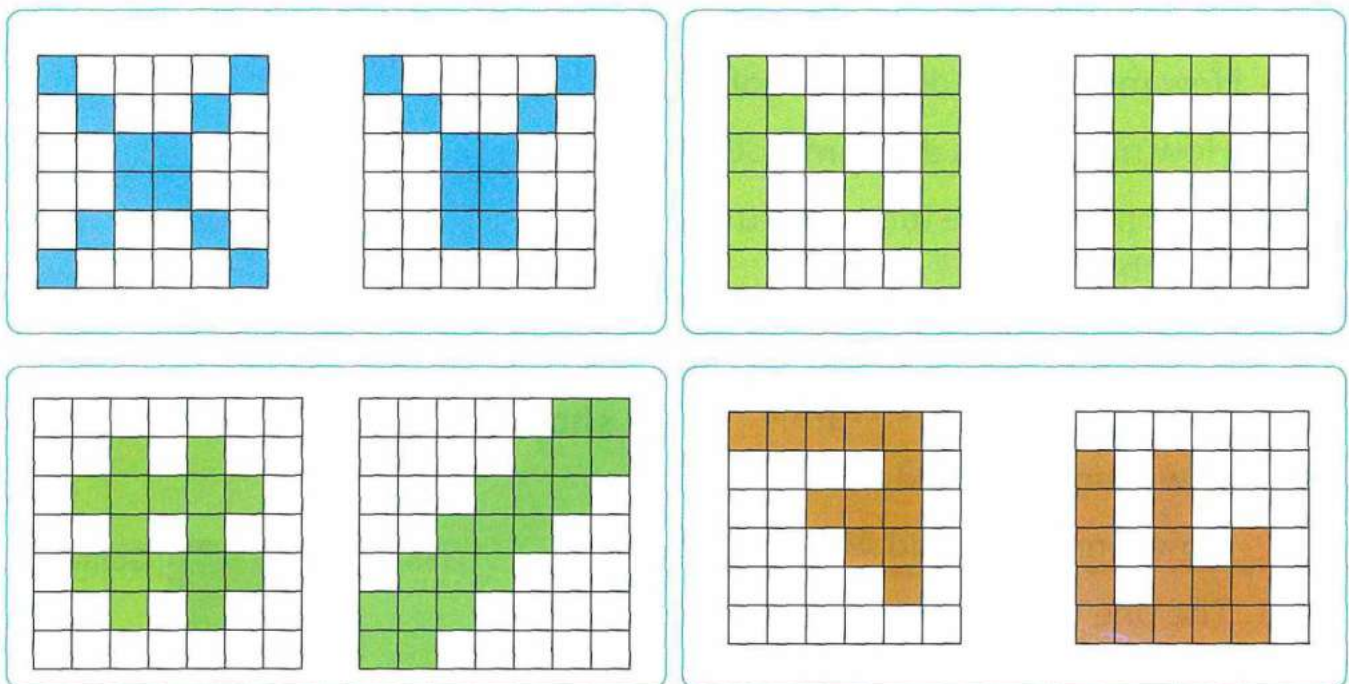




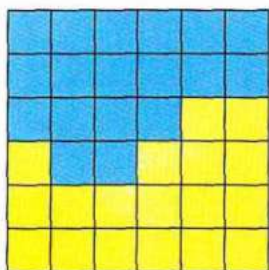
In each of the following, which colored part is larger?



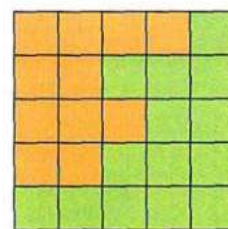
In each of the following, which colored part is smaller?



Write how many units for each.



—	
—	



—	
—	

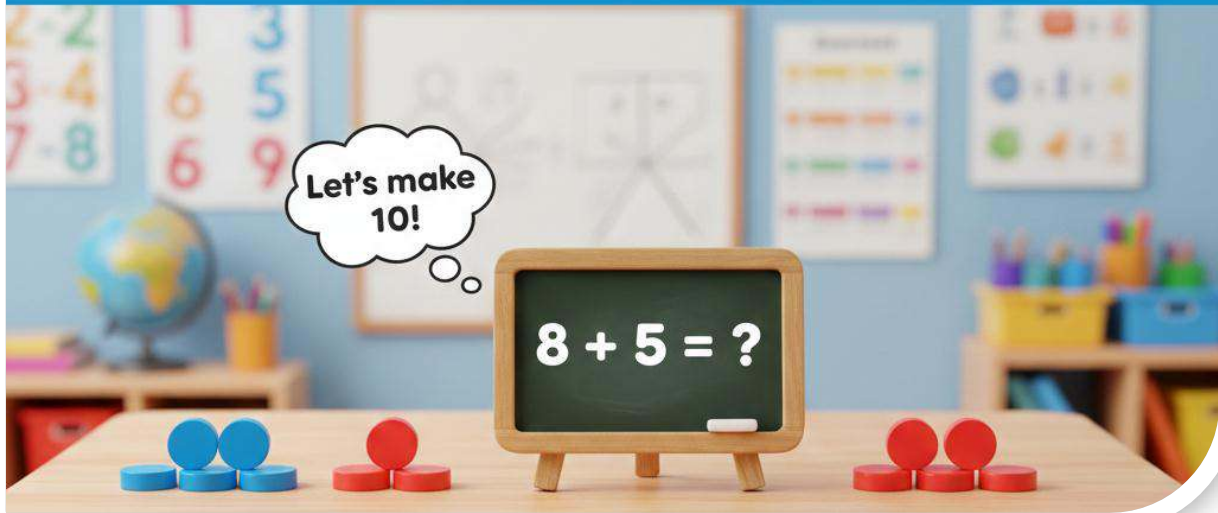




Chapter (12)

Addition by Making 10

Addition by Making 10



Lesson (1)

Addition Part (1)

- ! Which numbers add together to make teen numbers (from 11 to 19)?
When we do addition to make teen numbers, we think by making a group of 10.

Example

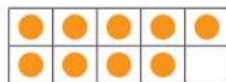
9

+

3

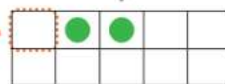
=

12



① 9 needs 1 more to make 10

② split 3 into 1 and 2



③ Add 1 to 9 to make 10

10

+

2

=

12

④ 10 and 2 make 12

**Find the sum using (making 10 strategy):**

1. $8 + 3 = 8 + \square + \square = 10 + \square = \square$

2. $7 + 5 = 7 + \square + \square = 10 + \square = \square$

3. $4 + 8 = 4 + \square + \square = 10 + \square = \square$

4. $8 + 7 = 8 + \square + \square = 10 + \square = \square$

5. $5 + 8 = 5 + \square + \square = 10 + \square = \square$

6. $4 + 9 = 4 + \square + \square = 10 + \square = \square$

7. $9 + 5 = 9 + \square + \square = 10 + \square = \square$

8. $6 + 7 = 6 + \square + \square = 10 + \square = \square$

9. $7 + 9 = 7 + \square + \square = 10 + \square = \square$

10. $8 + 6 = 8 + \square + \square = 10 + \square = \square$

11. $6 + 9 = 6 + \square + \square = 10 + \square = \square$

12. $5 + 6 = 5 + \square + \square = 10 + \square = \square$

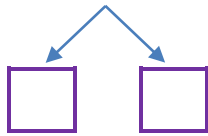
13. $3 + 9 = 3 + \square + \square = 10 + \square = \square$

14. $9 + 8 = 9 + \square + \square = 10 + \square = \square$

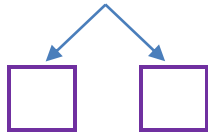


**Find the sum using (making 10 strategy):**

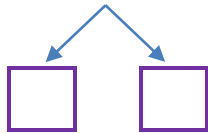
1. $5 + 6 = 10 + \square = \square$



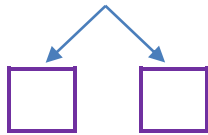
2. $3 + 8 = 10 + \square = \square$



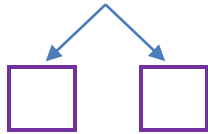
3. $7 + 4 = 10 + \square = \square$



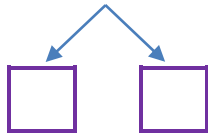
4. $6 + 8 = 10 + \square = \square$



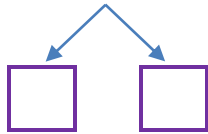
5. $8 + 7 = 10 + \square = \square$



6. $5 + 8 = 10 + \square = \square$



7. $9 + 3 = 10 + \square = \square$





Lesson (2)

Addition Part (2)

Let's look at two ways to calculate $4 + 9$.

Tell us what numbers go in the .



- ① 4 needs more to make 10.
- ② Split 9 into and .
- ③ Add to 4 to make 10.
- ④ 10 and make .

- ① 9 needs more to make 10.
- ② Split 4 into and .
- ③ Add to 9 to make 10.
- ④ 10 and make .



Let's look at two ways to calculate $5 + 8$.

Tell us what numbers go in the .



- ① 5 needs more to make 10.
- ② Split 8 into and .
- ③ Add to 5 to make 10.
- ④ 10 and make .

- ① 8 needs more to make 10.
- ② Split 5 into and .
- ③ Add to 8 to make 10.
- ④ 10 and make .



HOMEWORK

Choose the correct answer.

$1 + \underline{\quad\quad} = 10 \quad 9 \text{ or } 10$

$7 + \underline{\quad\quad} = 10 \quad 3 \text{ or } 7$

$2 + \underline{\quad\quad} = 10 \quad 6 \text{ or } 8$

$5 + \underline{\quad\quad} = 10 \quad 5 \text{ or } 15$





Complete the following.

$10 + 1 = \underline{\quad}$

$10 + 3 = \underline{\quad}$

$10 + 5 = \underline{\quad}$

$10 + 8 = \underline{\quad}$

$10 + 7 = \underline{\quad}$

$10 + 4 = \underline{\quad}$

$10 + 2 = \underline{\quad}$

$10 + 6 = \underline{\quad}$

$10 + 9 = \underline{\quad}$



Let's look at two ways to calculate $9 + 6$.

Tell us what numbers go in the .



① 9 needs more to make 10.

② Split 6 into and .

③ Add to 9 to make 10.

④ 10 and make .

① 6 needs more to make 10.

② Split 9 into and .

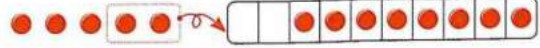
③ Add to 6 to make 10.

④ 10 and make .



Let's look at two ways to calculate $5 + 8$.

Tell us what numbers go in the .



① 5 needs more to make 10.

② Split 8 into and .

③ Add to 5 to make 10.

④ 10 and make .

① 8 needs more to make 10.

② Split 5 into and .

③ Add to 8 to make 10.

④ 10 and make .





Let's do addition. The first one is done for you.

$$5 + 8 = 3 + 10 = 13$$

Diagram showing 5 as 3 + 2 and 8 as 2 + 6, with a dashed circle around the 2s to show they combine to make 4, which is then added to 3 to get 7, and finally 7 + 6 = 13.

$$9 + 4 = _ + _ = _$$

Diagram showing 9 as 8 + 1 and 4 as 2 + 2, with a dashed circle around the 1 and one 2 to show they combine to make 3, which is then added to 8 to get 11, and finally 11 + 2 = 13.

$$7 + 8 = _ + _ = _$$

Diagram showing 7 as 6 + 1 and 8 as 2 + 6, with a dashed circle around the 1 and one 2 to show they combine to make 3, which is then added to 6 to get 9, and finally 9 + 6 = 15.

$$8 + 4 = _ + _ = _$$

Diagram showing 8 as 7 + 1 and 4 as 3 + 1, with a dashed circle around the 1s to show they combine to make 2, which is then added to 7 to get 9, and finally 9 + 3 = 12.

$$9 + 2 = _ + _ = _$$

$$6 + 7 = _ + _ = _$$



Choose the correct answer.

$$7 + 6 = 10 + _ \quad 3 \text{ or } 4$$

$$3 + 8 = 10 + _ \quad 1 \text{ or } 2$$

$$9 + _ = 10 + 1 \quad 2 \text{ or } 3$$

$$8 + _ = 10 + 5 \quad 6 \text{ or } 7$$

$$_ + 4 = 10 + 2 \quad 6 \text{ or } 8$$



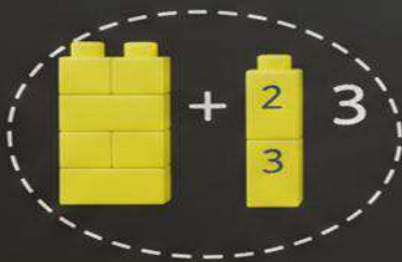


Chapter (13)

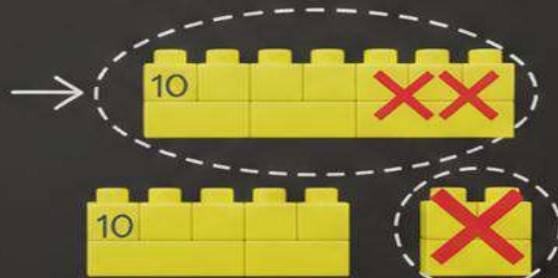
Subtraction by Using 10

Problem:

$$13 - 5 = ?$$



Using 10 to Subtract:



$$13 - 5 = 10 - 5 + 3$$

$$10 - 5 = 5$$

$$5 + 3 = 8$$

$$13 - 5 = 8$$

Lesson (1)

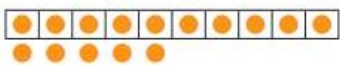
Subtraction Part (1)

Example

$$15 - 9$$

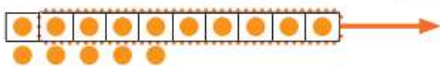
① You cannot subtract 9 from 5.

② Split 15 into 10 and 5.



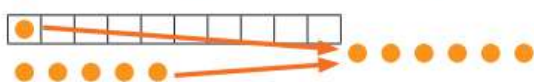
$$\begin{array}{r} 15 \\ \swarrow \searrow \\ 10 \quad 5 \end{array} - 9$$

③ Subtract 9 from 10 to get 1.



$$\begin{array}{r} 15 \\ \swarrow \searrow \\ \cancel{10} \quad 5 \\ 1 \end{array} - 9$$

④ 1 and 5 make 6.



$$\begin{array}{r} 15 \\ \swarrow \searrow \\ \cancel{10} \quad 5 \\ 1 \end{array} - 9 = 6$$





How to Solve

$$(1) \quad 13 - 9 = \underline{4}$$



- ① You cannot subtract 9 from 3.
- ② Split 13 into 10 and 3.
- ③ Subtract 9 from 10 to get 1.
- ④ 1 and 3 make 4.

$$(2) \quad 12 - 7 = \underline{5}$$

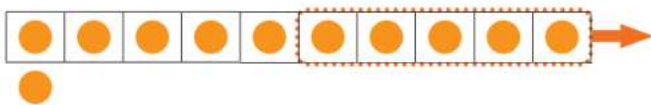


- ① You cannot subtract 7 from 2.
- ② Split 12 into 10 and 2.
- ③ Subtract 7 from 10 to get 3.
- ④ 3 and 2 make 5.



Let's look at how to calculate $11 - 5$.

Tell us what numbers go in the .

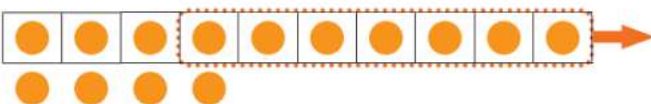


- ① You cannot subtract 5 from 1.
- ② Split 11 into and .
- ③ Subtract from 10 to get .
- ④ and make .



Let's look at how to calculate $14 - 7$.

Tell us what numbers go in the .



- ① You cannot subtract 7 from 4.
- ② Split 14 into and .
- ③ Subtract from 10 to get .
- ④ and make .





Let's do subtraction.

① $14 - 8$

② $11 - 6$

③ $12 - 9$

④ $16 - 9$

⑤ $12 - 8$

⑥ $13 - 8$



Lesson (2)

Subtraction Part (2)

Example

$13 - 4$

There are two ways to calculate $13 - 4$. 🗣️

❶ You cannot subtract 4 from 3.

A



B

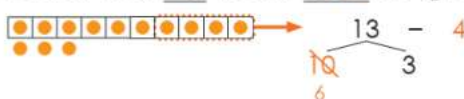
❷ Split 13 into 10 and 3.



❷ Split 4 into 3 and 1.



❸ Subtract 4 from 10 to get 6.



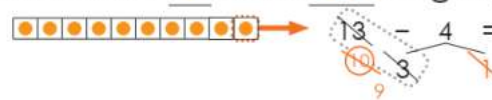
❸ Subtract 3 from 13 to get 10.



❹ 6 and 3 make 9.



❹ Subtract 1 from 10 to get 9.



Let's look at two ways to calculate $12 - 4$.

Tell us what numbers go in .



❶ You cannot subtract 4 from 2.

❷ Split 12 into and .

❸ Subtract from 10 to get .

❹ and make .

❶ You cannot subtract 4 from 2.

❷ Split 4 into and .

❸ Subtract from to get .

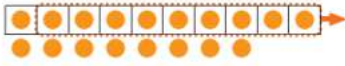
❹ Subtract from to get .





Let's look at two ways to calculate $18 - 9$.

Tell us what numbers go in .



- ① You cannot subtract 9 from 8.
- ② Split 18 into and .
- ③ Subtract from 10 to get .
- ④ and make .



- ① You cannot subtract 9 from 8.
- ② Split 9 into and .
- ③ Subtract from to get .
- ④ Subtract from to get .



Let's do subtract.

① $15 - 7$

② $11 - 4$

③ $16 - 7$

④ $13 - 6$

⑤ $16 - 8$

⑥ $14 - 5$



HOMEWORK

Complete the following.

$12 - 2 = \underline{\quad}$

$18 - 8 = \underline{\quad}$

$16 - 6 = \underline{\quad}$

$14 - 10 = \underline{\quad}$

$19 - 9 = \underline{\quad}$

$15 - 5 = \underline{\quad}$

$17 - \underline{\quad} = 10$

$13 - \underline{\quad} = 10$

$11 - \underline{\quad} = 10$

$18 - \underline{\quad} = 8$

$16 - \underline{\quad} = 6$

$12 - \underline{\quad} = 10$

$\underline{\quad} - 5 = 10$

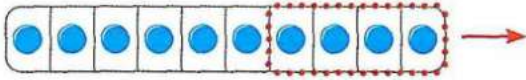
$\underline{\quad} - 9 = 10$

$\underline{\quad} - 4 = 10$

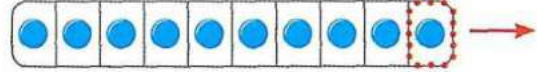




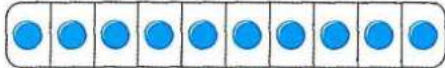
Write the missing number. The first one is done for you.



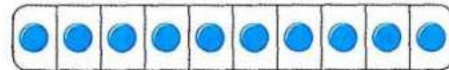
$$10 - 4 = \underline{6}$$



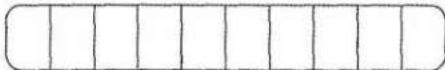
$$10 - 1 = \underline{\quad}$$



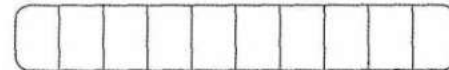
$$10 - 5 = \underline{\quad}$$



$$10 - 8 = \underline{\quad}$$



$$10 - 7 = \underline{\quad}$$

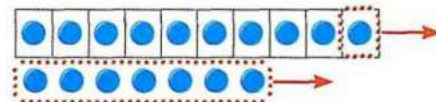


$$10 - 2 = \underline{\quad}$$



Let's look at two ways to calculate $17 - 8$.

Tell us what numbers go in



- ① You cannot subtract 8 from 7.
- ② Split 17 into and .
- ③ Subtract from 10 to get .
- ④ and make .

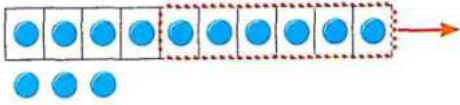
- ① You cannot subtract 8 from 7.
- ② Split 8 into and .
- ③ Subtract from to get .
- ④ Subtract from to get .





Let's look at how to calculate $13 - 6$.

Tell us what numbers go in the



- ① You cannot subtract 6 from 3.
- ② Split 13 into and .
- ③ Subtract from 10 to get .
- ④ and make .



Let's do subtraction. The first one is done for you.

$$14 - 5 = 9$$

or

$$14 - 5 = 9$$

$$12 - 6 = \underline{\quad}$$

or

$$12 - 6 = \underline{\quad}$$

$$11 - 5 = \underline{\quad}$$

or

$$11 - 5 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

$$18 - 9 = \underline{\quad}$$

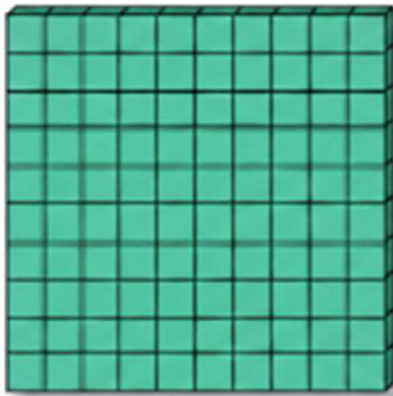
$$15 - 6 = \underline{\quad}$$





Chapter (14)

Ones, Tens, and Hundreds



Hundreds



Tens

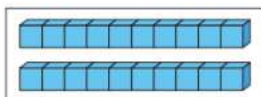


Ones

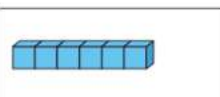
Lesson (1)

Making Groups of 10

Example



20



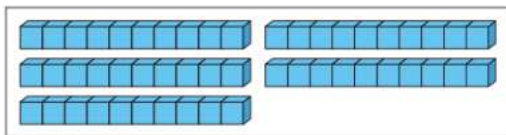
6



20 and 6 make

26

twenty-six



50



5 groups of 10 make

50

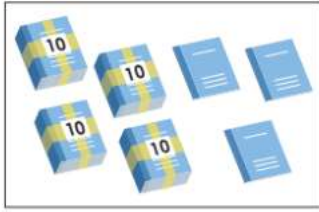
fifty



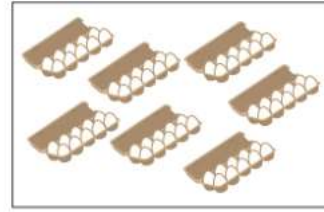


Count the numbers and write the numerals.

(1)



(2)





Write the missing numbers.

a. 5 groups of 10 make

b. groups of 10 make 70

c. 9 groups of make 90

d. 30 and 2 make

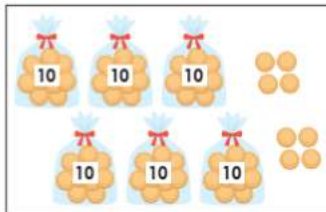
e. 70 and make 74

f. and 6 make 86

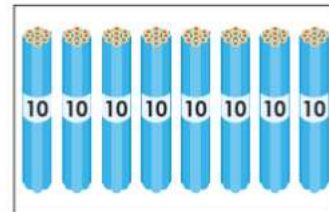


Count the numbers and write the numerals.

(1)



(2)



Lesson (2)

How Many 10s and How Many 1s?

Example

What is 63 like?

Tens place		Ones place
6		3
Six 10s		Three 1s





Let's write a number in .

(1) Seven 10s are , five 1s are , 70 and 5 make .

(2) Nine 10s are .

(3) The number that has 5 in the tens place and 3 in the ones place is .

(4) The digit in the tens place of 80 is , and the digit in the ones place is .



Let's write a number in .

(1) Six 10s are , seven 1s are , 60 and 7 make .

(2) Eight 10s are .

(3) 59 is tens and ones.

(4) The number that has 8 in the tens place and 7 in the ones place is .

(5) The digit in the tens place of 90 is , and the digit in the ones place is .



Write a number in .

a. Nine 10s are .

b. 37 is tens and ones.

c. Four in the tens place, its value is , and four in the ones place, its value is .

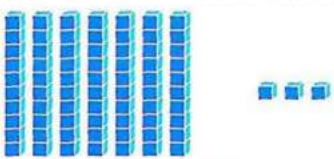
d. Six 10s are , three 1s are , 60 and 3 make .

e. The number that has 4 in the tens place and 1 in the ones place is .





Count how many 10s and 1s. Write the number.
The first one is done for you.



Seven 10s Three 1s

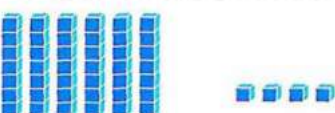
Tens place	Ones place
7	3

73



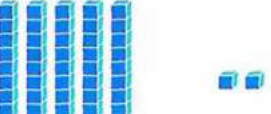
____ 10s ____ 1s

Tens place	Ones place



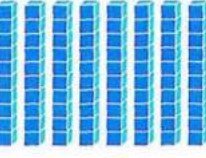
____ 10s ____ 1s

Tens place	Ones place



____ 10s ____ 1s

Tens place	Ones place



____ 10s ____ 1s

Tens place	Ones place



____ 10s ____ 1s

Tens place	Ones place





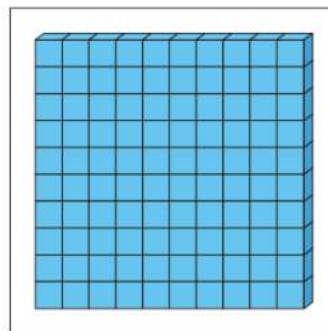
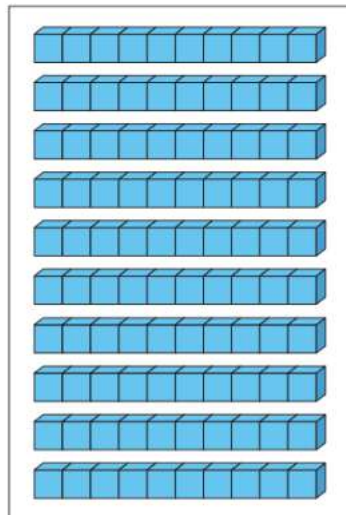
Lesson (3)

Ten 10s

! Ten 10s

Ten 10s are called **one hundred**. We write one hundred as **100**.

100 is **1** more than 99.



There are ten groups of
10 cubes

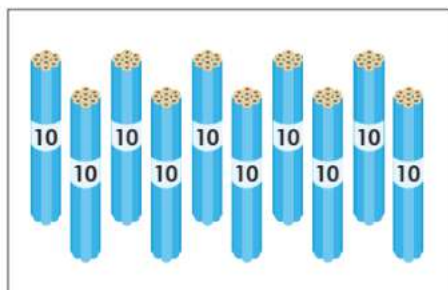


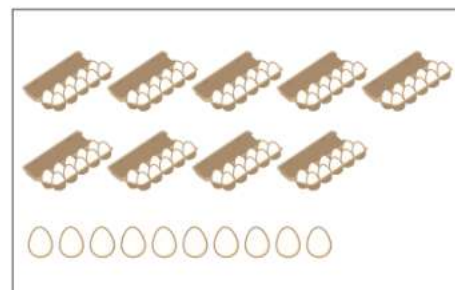
There are **100** cubes in all.



(1) Write the number of pencils.

(2) Write the number of eggs.

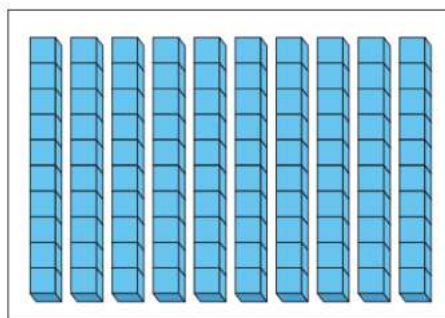


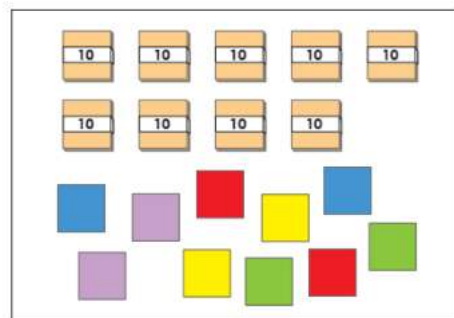




(1) Write the number of cubes.

(2) Write the number of papers.





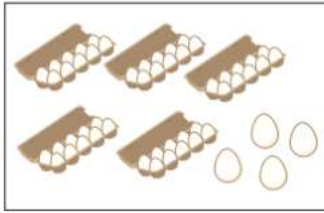




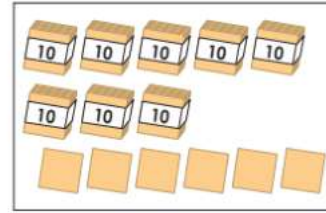
HOMEWORK

Count the numbers and write the numerals.

(1)



(2)





Write a number.

3 groups of 10 make

1 group of 10 makes

5 groups of 10 make

8 groups of 10 make

9 groups of 10 make

7 groups of 10 make



Choose the correct answer.

20 and 3 make ____

20 23 32

30 and 9 make ____

9 30 39

10 and 6 make ____

10 70 16

____ and 1 make 51

50 6 40

____ and 8 make 98

9 90 10

____ and 40 make 47

40 7 47





Write the numerals.

Sixty - five

Forty - nine

Fifty - two

Thirty - one

Seventy

Twenty - eight

Eighty-three

Ninety - four

Seventy - three

Let's write a number in .(1) Eight 10s are , six 1s are , 80 and 6 make .(2) Seven 10s are .(3) 43 is tens and ones.(4) The number that has 5 in the tens place and 7 in the ones place is .(5) The digit in the tens place of 60 is , and the digit in the ones place is .

Read each number. Write the number of tens and ones.

The first one is done for you.

Tens	Ones	Tens	Ones	Tens	Ones		
25	2	5	17		71		
30			7		19		
64			80		42		





Fill in the with a suitable number.

30 6 ↪ ↩	20 1 ↪ ↩	70 5 ↪ ↩
--	--	--



Circle the value of the red digit. The first one is done for you.

35 3 30	71 7 70	64 4 40	82 8 80
96 9 90	12 1 10	53 5 50	47 7 70



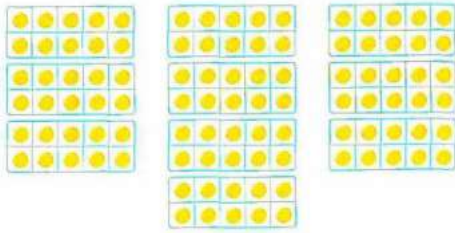
(1) Write the number of yellow circles. (2) Write the number of candies.

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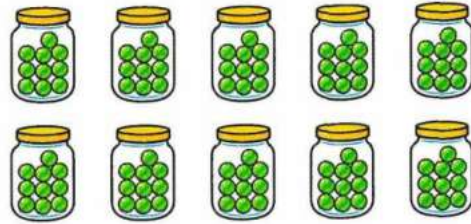




Write the number of yellow circles.



Write the number of marbles.



Write a number in .

90 and 10 make

80 and 20 make

30 and 70 make

50 and 50 make

60 and 40 make

100 and 0 make

20 and make 100

70 and make 100

50 and make 100

and 90 make 100

and 0 make 100

and 60 make 100



Choose the correct answer.

• Nine 10s are _____

(9 or 19 or 90)

• One hundred 1s are _____

(1 or 10 or 100)

• Ten 1s are _____

(1 or 10 or 100)

• Ten 10s are _____

(1 or 10 or 100)

• Forty 1s are _____

(4 or 14 or 40)





Lesson (4)

How Numbers Are Arranged up to 100

! Rules for how numbers are arranged up to 100

Example

The number that has 5 in the ones place is...

- They are lined up vertically.
- The numbers in tens place go from 0, 1, 2, 3... to 9, the numbers increase by 10 as they go down.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99
100									

The number that has 7 in the tens place is...

- They are lined up horizontally.
- The numbers in ones place go from 0, 1, 2... to 9, the numbers increase by 1 as they go to the right.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99
100									



Look at the chart on the right and tell us what number goes in ■.

24	25	26	27	28
34	35		37	38
44				48
54	55		57	58
64	65	66	67	68



Look at the chart on the right and tell us what number goes in ■.

40	41	42	43	44
50	51		53	54
60				64
70	71		73	74
80	81	82	83	84





Write the suitable number. The first one is done for you.

34	35	36
----	----	----

	52	
--	----	--

	86	
--	----	--

Use the chart if you need

Remember



Increase
by 1



Increase
by 10

23

61

39

74

0

80

14
24

48
58

3
13

75



In each of the following charts. Write the number in

2	3	4	5	6
12	13		15	16
22				26
32	33		35	36
42	43	44	45	46

25	26	27	28	29
35	36		38	39
45				49
55	56		58	59
65	66	67	68	69

33	34	35	36	37
43	44		46	47
53				57
63	64		66	67
73	74	75	76	77





Lesson (5)

Number Line up to 100

(1) Let's use the number line to answer the questions.

① Which number is 4 more than 70?

② Which number is 2 less than 80?

③ Which number is 3 more than 75?



Put the numbers on the number line.

35, 33, 42, 29



(2) Circle the bigger number.

① 75 83

② 56 64

③ 91 87



(3) Let's answer what number goes in .

① — 47 — 48 — — — 51 — 52 — —

② — 100 — — 98 — 97 — — 95 — —





Lesson (6)

Numbers Bigger than 100

! Numbers bigger than 100

When we arrange the numbers bigger than 100 in groups of ten, they look like the chart below.

90	91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108	109
110	111	112	113	114	115	116	117	118	119
120									

Example

100 and 2 make one hundred two.

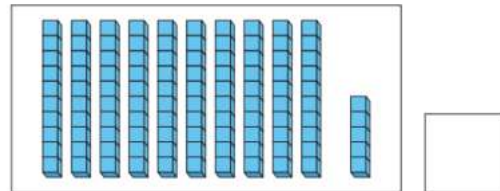
We write one hundred two as 102.



(1) Write the number of cubes.

(2) Circle the bigger number.

102 99



(3) Let's answer what number goes in .

97 — 98 — 99 — — — 102 —



Circle the bigger number.

① 100 110

② 120 119

③ 99 101



Let's answer what number goes in .

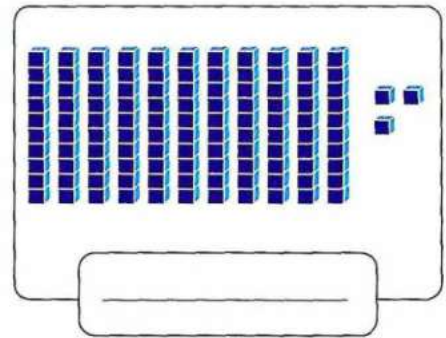
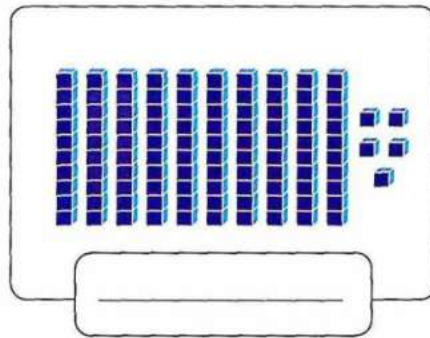
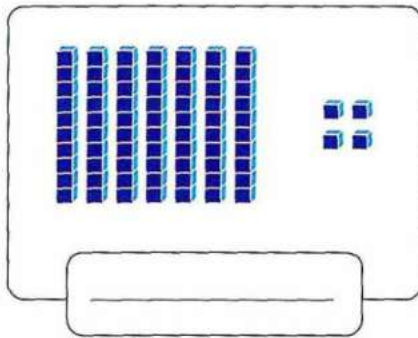
① 99 — — — 102 — 103 — 104 —

② 115 — 116 — — 118 — 119 — —

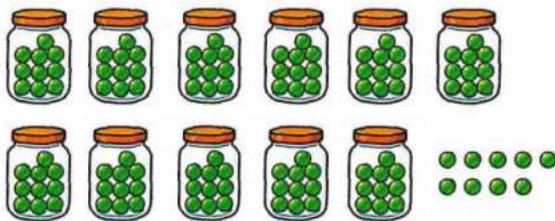




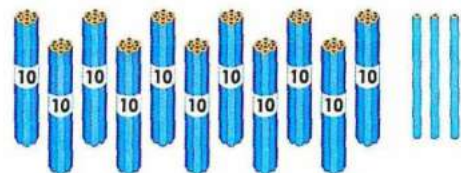
Count. Write the number.



Write the number of marbles.



Write the number of pencils.



Choose the correct answer.

100 and 5 make ____

105 15 51

100 and 8 make ____

18 81 108

100 and 12 make ____

102 112 121



Circle the bigger number.

100

99

99

101

100

110





HOMEWORK

Look at the chart on the right and tell us what number goes in ■.

25	26	27	28	29
35	36		38	39
45				49
55	56		58	59
65	66	67	68	69



Look at the chart and write a number in

12	13	14	15	16
22	23		25	26
32				36
42	43		45	46
52	53	54	55	56



In each of the following charts. Write the number in

24	25	26	27	28
34	35		37	38
44				48
54	55		57	58
64	65	66	67	68

40	41	42	43	44
50	51		53	54
60				64
70	71		73	74
80	81	82	83	84

55	56	57	58	59
65	66		68	69
75				79
85	86		88	89
95	96	97	98	99





Write the numbers.

- The numbers that has 5 in the ones place.

____, _____, _____, _____, _____, _____, _____, _____

- The numbers that has 8 in the ones place.

____, _____, _____, _____, _____, _____, _____, _____

- The numbers that has 9 in the ones place.

____, _____, _____, _____, _____, _____, _____, _____

- The numbers that has 8 in the tens place.

____, _____, _____, _____, _____, _____, _____, _____

- The numbers that has 2 in the tens place.

____, _____, _____, _____, _____, _____, _____, _____

- The numbers that has 0 in the ones place.

____, _____, _____, _____, _____, _____, _____, _____

Use the chart if you need

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99
100									



(1) Let's use the number line to answer the questions.

① Which number is 5 more than 60?

② Which number is 3 less than 70?

③ Which number is 4 less than 68?





(2) Circle the bigger number.

① 54 47

② 68 75

③ 98 89



(3) Let's answer what number goes in .

① — 87 — 88 — — — 91 — 92 —

② 50 — — 48 — 47 — 46 — — —



Let's answer what number goes in

a. 30 — — 32 — 33 — — — 36 —

b. — 40 — 50 — — — 80 — —

c. 60 — — 58 — 57 — 56 — — —

d. — 90 — — 70 — 60 — — —



Circle the smaller number.

21 25

42 36

18 19

69 96

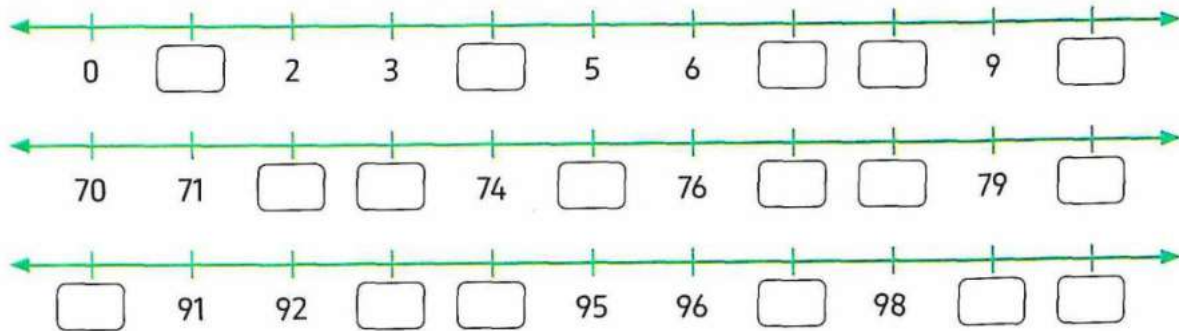
98 77

33 44





Write the missing numbers in each of the following number line.



Circle the bigger number.

38	32	17	13	54	47
56	64	21	25	68	75



Arrange the following numbers from least to greatest.

15	23	8	54	12	36
_____	_____	_____	_____	_____	_____
least		greatest	least		greatest



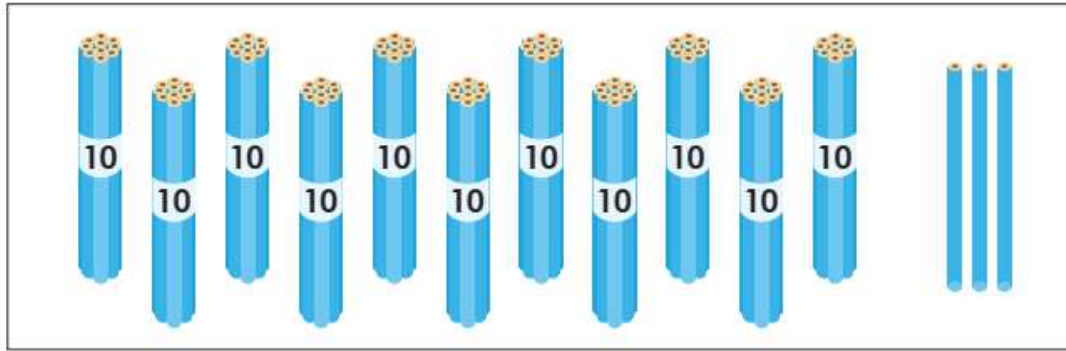
Arrange the following numbers from greatest to least.

13	21	19	31	85	40
_____	_____	_____	_____	_____	_____
greatest		least	greatest		least





(1) Write the number of pencils.





(2) Circle the bigger number.

① 101 97

② 124 114

③ 115 120



(3) Let's answer what number goes in .

① — 107 — — 109 — — 111 — 112 — —

② — 119 — — — 122 — 123 — — 125 —



Circle the smaller number.

101	100	94	103	109	105
113	123	107	98	108	118





Lesson (7)

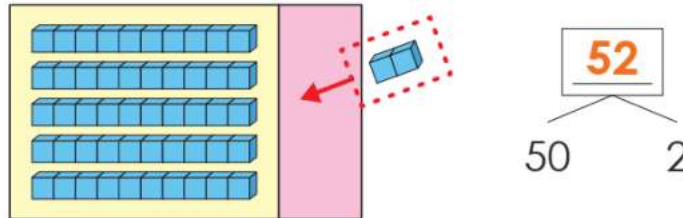
Adding and Subtracting Ones (Part 1)

! We can do addition and subtraction using "how many tens and how many ones".

Example 1

The number that is formed by combining 50 and 2.

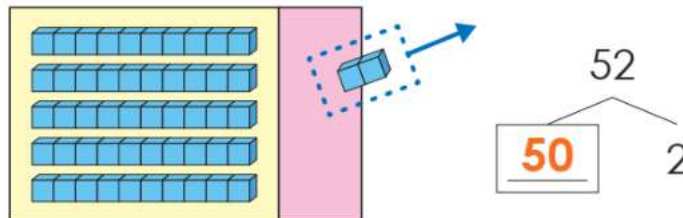
Mathematical sentence: $50 + 2 = 52$



Example 2

The number that is formed by subtracting 2 from 52.

Mathematical sentence: $52 - 2 = 50$



(1) Let's do the next calculation.

① $70 + 3$

② $49 - 9$

(2) You have 24 candies. You ate 4 candies. How many candies are left?

Write the mathematical sentence and the answer.



(1) Let's do the next calculation.

① $20 + 5$

② $30 + 6$

③ $70 + 1$

④ $38 - 8$

⑤ $46 - 6$

⑥ $87 - 7$





Let's write a number in .

① The number that combines 60 and 8 is .

Mathematical sentence: $60 + \text{ } = \text{ }$

② The number that takes away 7 from 97 is .

Mathematical sentence: $97 - \text{ } = \text{ }$



Let's do the next calculation.

① $30 + 1$

② $50 + 5$

③ $80 + 4$

④ $22 - 2$

⑤ $63 - 3$

⑥ $99 - 9$



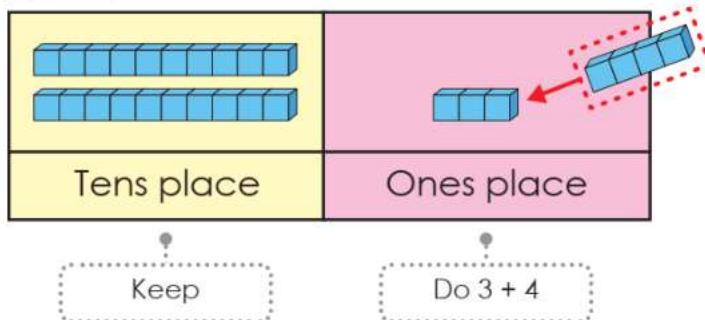
Lesson (8)

Adding and Subtracting Ones (Part 2)

! For addition and subtraction of "tens and ones" numbers, first, let's calculate the numbers in the ones place.

Example

① $23 + 4$



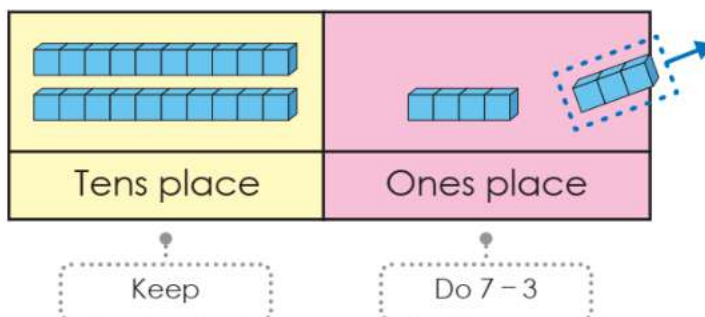
① Split 23 into 20 and 3

② $3 + 4 = 7$

③ 20 and 7 make 27

④ $23 + 4 = \underline{27}$

② $27 - 3$



① Split 27 into 20 and 7

② $7 - 3 = 4$

③ 20 and 4 make 24

④ $27 - 3 = \underline{24}$





Let's do the next calculation.

(1) $35 + 2$

(2) $56 - 4$



Let's do the next calculation.

① $24 + 3$

② $45 + 4$

③ $83 + 5$

④ $36 - 1$

⑤ $77 - 6$

⑥ $98 - 6$



There are 54 flowers in the flowerbed. We planted 4 more flowers there. How many flowers are there in all? Write the mathematical sentence and the answer.



You have 88 sheets of paper. You used 7 sheets. How many sheets of paper are left? Write the mathematical sentence and the answer.



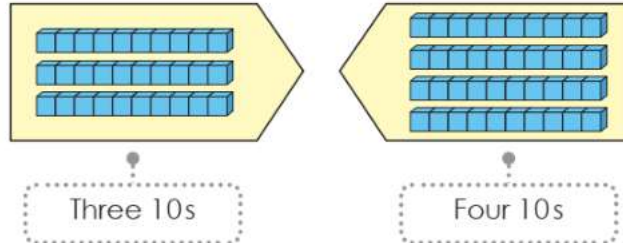
Lesson (9)

Adding and Subtracting Tens

⚠ When we do the addition like $30 + 40$, we think about how many tens there are.

Example 1

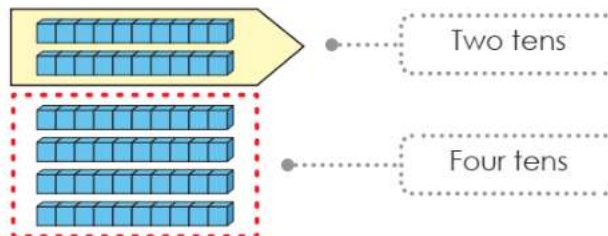
30 + 40



Three 10s and four 10s make seven 10s. $30 + 40 = \underline{70}$

Example 2

60 – 20



Six 10s minus two 10s make four 10s. $60 - 20 = \underline{40}$



Let's do the next calculation.

(1) $70 + 30$

(2) $100 - 40$



Let's do the next calculation.

① $40 + 10$

② $20 + 70$

③ $80 + 20$

④ $20 - 10$

⑤ $90 - 50$

⑥ $100 - 90$





You have 30 pencils. You bought 20 more pencils. How many pencils do you have in all? Write the mathematical sentence and the answer.



There are 40 people on the bus. 20 people got off. How many people are on the bus? Write the mathematical sentence and the answer.



HOMWORK

Let's do addition.

$90 + 3$

$40 + 2$

$90 + 9$

$10 + 7$

$70 + 7$

$90 + 8$



Let's do subtraction.

$36 - 6$

$15 - 5$

$71 - 1$

$54 - 4$

$76 - 6$

$46 - 6$





Let's do the next calculation.

$$48 - 3$$

$$24 + 3$$

$$33 + 2$$

$$29 - 8$$

$$36 - 1$$

$$67 + 2$$

$$35 + 2$$

$$77 - 6$$

$$44 - 1$$



Let's do the next calculation.

$$\begin{array}{r} 20 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 7 \\ \hline \\ \hline \end{array}$$



Let's do the next calculation.

$$\begin{array}{r} 34 \\ - 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ - 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 3 \\ \hline \\ \hline \end{array}$$





Write the mathematical sentence and the answer for each of the following problems.

You have 50 sheets of paper. You got 4 more sheets from a friend. How many sheets of paper do you have in all ?

The mathematical sentence : _____

The answer : _____

You have 76 pencils. You used 6 pencils. How many pencils are left ?

The mathematical sentence : _____

The answer : _____

You have 24 candies. You ate 4 candies. How many candies are left ?

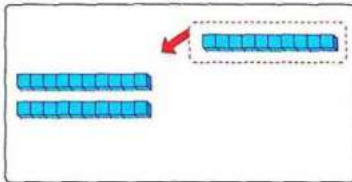
The mathematical sentence : _____

The answer : _____

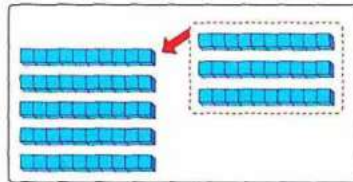


Let's do addition.

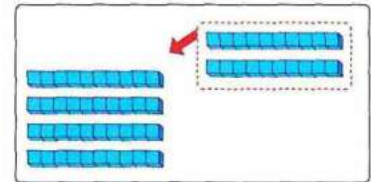
$$20 + 10 = \square$$



$$50 + 30 = \square$$

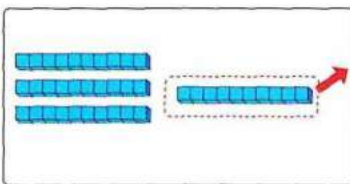


$$40 + 20 = \square$$

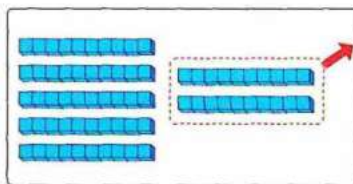


Let's do subtraction.

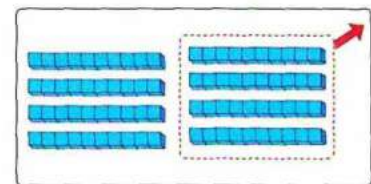
$$40 - 10 = \square$$



$$70 - 20 = \square$$



$$80 - 40 = \square$$





Let's do addition.

$$\begin{array}{r} 40 \\ + 20 \\ \hline \end{array}$$

$$40 + 20 = \underline{\quad}$$

$$\begin{array}{r} 30 \\ + 50 \\ \hline \end{array}$$

$$30 + 50 = \underline{\quad}$$

$$\begin{array}{r} 60 \\ + 10 \\ \hline \end{array}$$

$$60 + 10 = \underline{\quad}$$

$$\begin{array}{r} 10 \\ + 30 \\ \hline \end{array}$$

$$10 + 30 = \underline{\quad}$$



Let's do subtraction.

$$\begin{array}{r} 50 \\ - 10 \\ \hline \end{array}$$

$$50 - 10 = \underline{\quad}$$

$$\begin{array}{r} 90 \\ - 30 \\ \hline \end{array}$$

$$90 - 30 = \underline{\quad}$$

$$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$$

$$70 - 40 = \underline{\quad}$$

$$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$$

$$30 - 20 = \underline{\quad}$$



Find the result.

$$\begin{array}{r} 90 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 40 \\ \hline \end{array}$$





Chapter (15)

Making Shapes

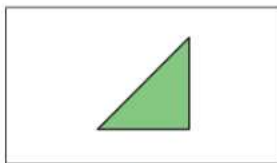


Lesson (1)

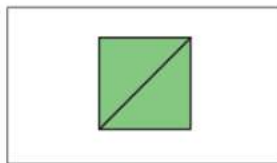
Making Shapes (Part 1)



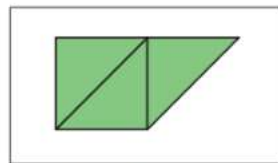
We can make different shapes by arranging .



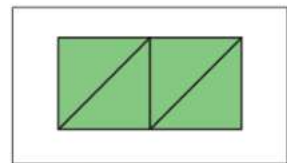
1 piece



2 pieces



3 pieces



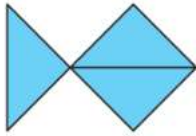
4 pieces



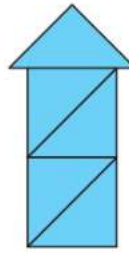


How many pieces of colored paper  were used for each shape below?

①

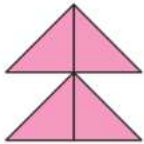


②

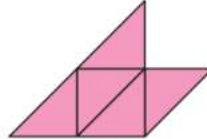


How many pieces of colored paper  were used for each shape below?

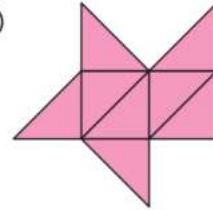
①



②



③

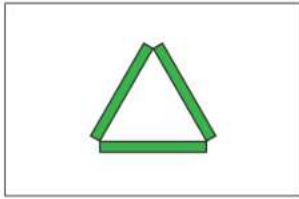




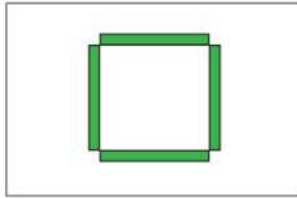
Lesson (2)

Making Shapes (Part 2)

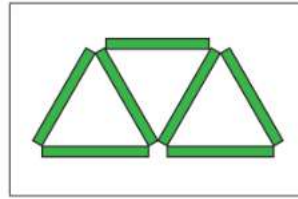
! We can make different shapes by arranging sticks (—) as follow:



3 sticks



4 sticks



7 sticks

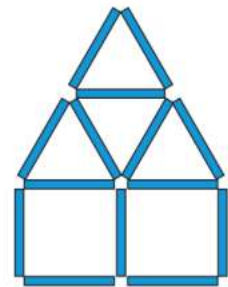


We made a shape using sticks (—) as follow:

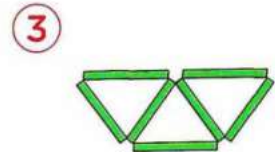
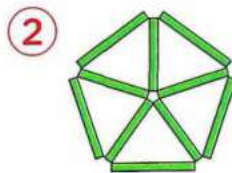
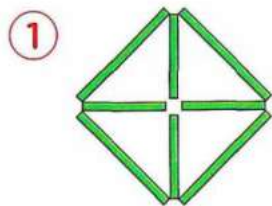
(1) How many  shapes are there?

(2) How many  shapes are there?

(3) How many sticks did you use?



How many sticks (—) were used to make each shape below ?

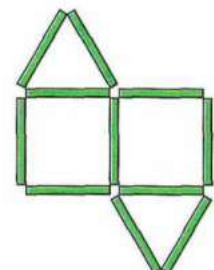


We made a shape using sticks (—) as follow :

① How many  shapes are there ?

② How many  shapes are there ?

③ How many sticks (—) did you use ?

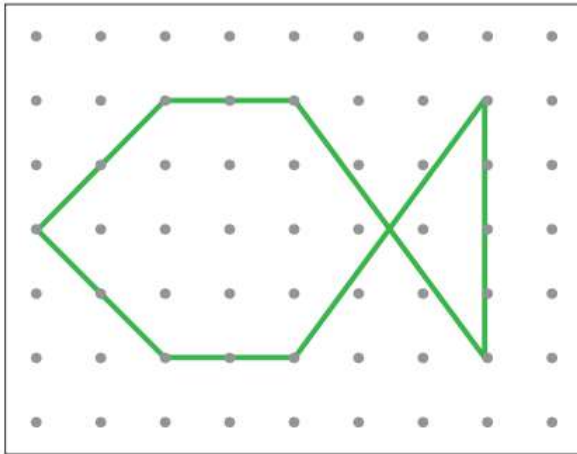




Lesson (3)

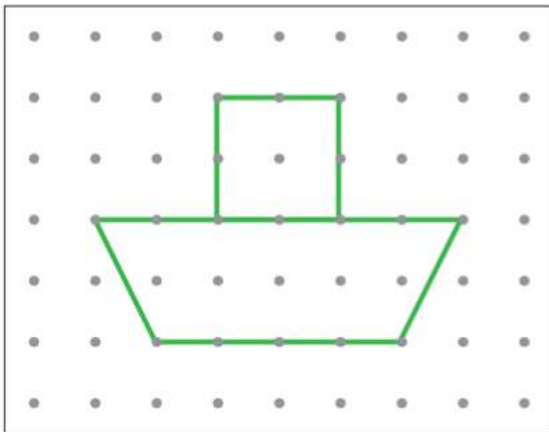
Making Shapes (Part 3)

Draw the same shape.

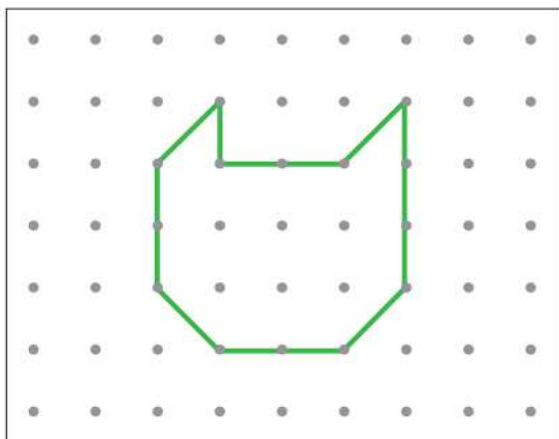


Draw the same shape.

(1)



(2)





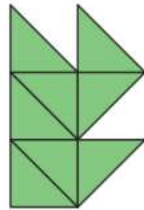
HOMEWORK

How many pieces of colored paper  were used for each shape below?

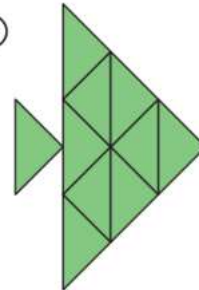
①



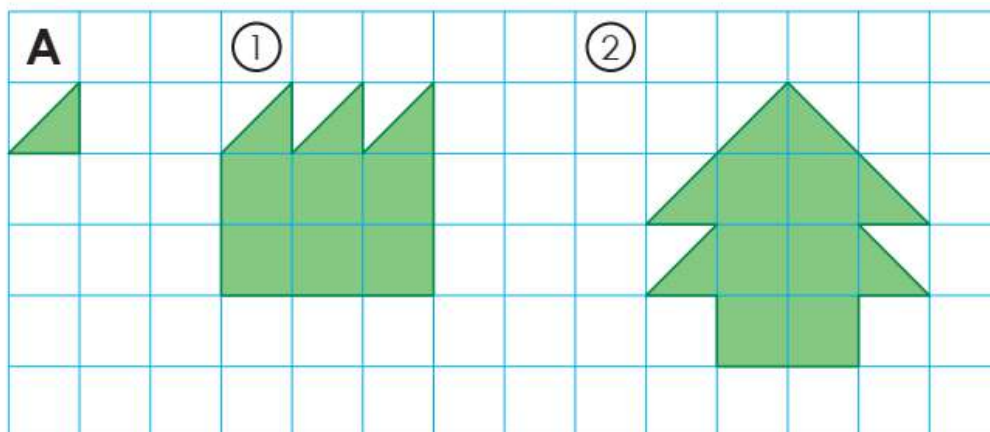
②



③



How many pieces of colored paper **A** do you need to make each shape below?



How many pieces of colored paper  were used for each shape below ?

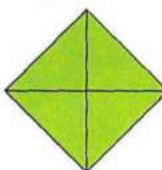
①



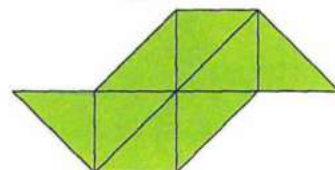
②



③

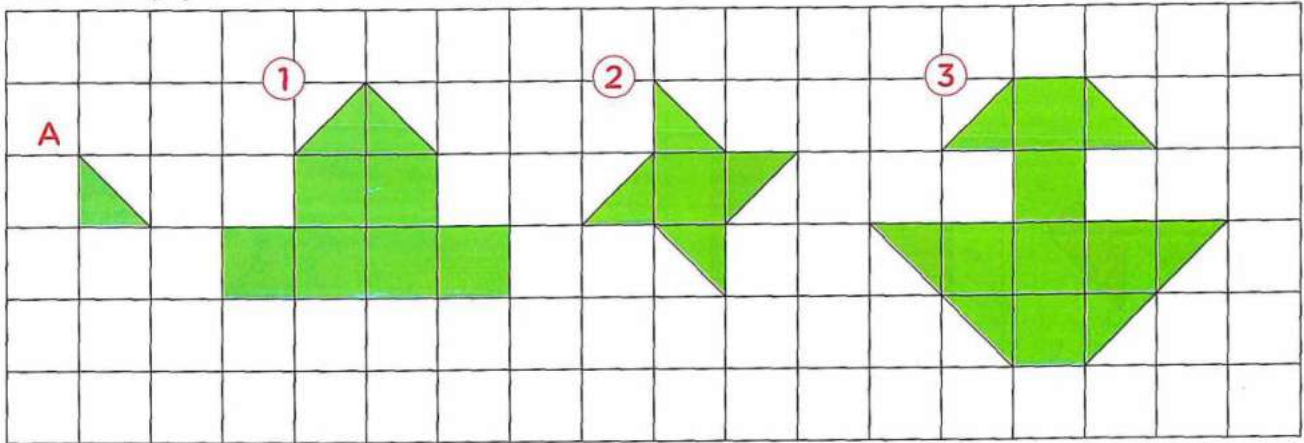


④





How many pieces of colored paper **A** do you need to make each shape below ?



Choose the correct answer.

The number of sticks (—) are used to make the shape



is _____

A. 2

B. 3

C. 4

D. 5

The number of sticks (—) are used to make the shape



?

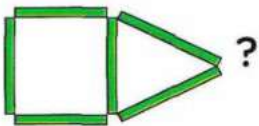
A. 2

B. 3

C. 4

D. 5

How many sticks (—) were used to make the shape



?

A. 3

B. 4

C. 5

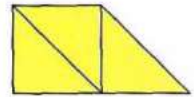
D. 6





Choose the correct answer.

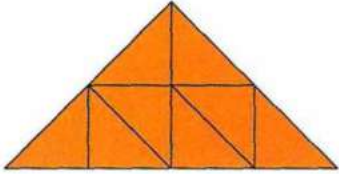
How many pieces of colored paper  were used for the opposite shape ?



- A. 2 pieces B. 3 pieces C. 4 pieces D. 5 pieces

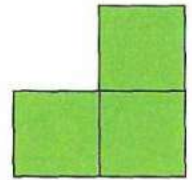
How many pieces of colored paper  were used for the figure  ?

- A. 2 pieces B. 3 pieces C. 4 pieces D. 5 pieces

How many pieces of colored paper  were used for the figure  ?

- A. 5 pieces B. 6 pieces C. 7 pieces D. 8 pieces

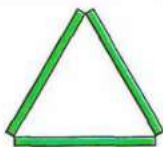
How many pieces of colored paper  do you need to make the opposite shape ?



- A. 3 pieces B. 4 pieces
C. 5 pieces D. 6 pieces



How many sticks () were used to make each shape below ?



sticks



sticks

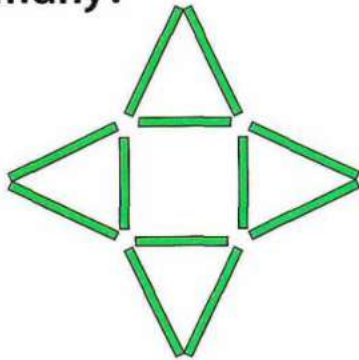


sticks

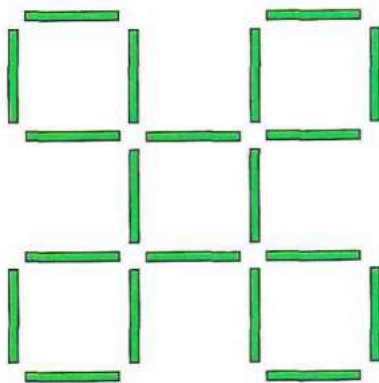




How many?



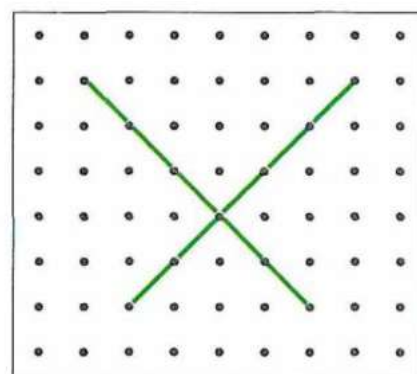
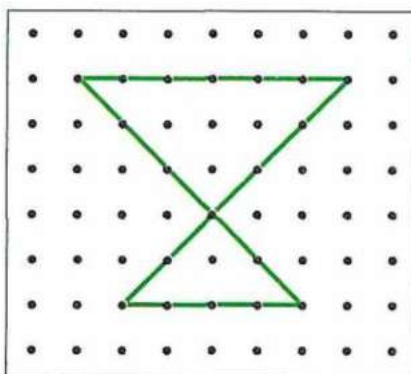
_____ sticks
_____  shapes
_____  shapes

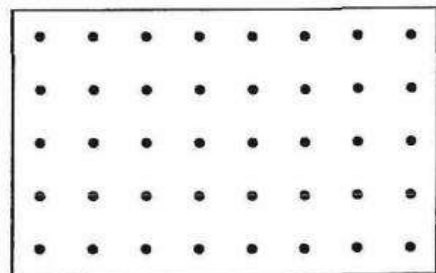
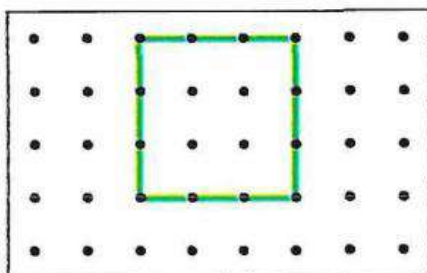
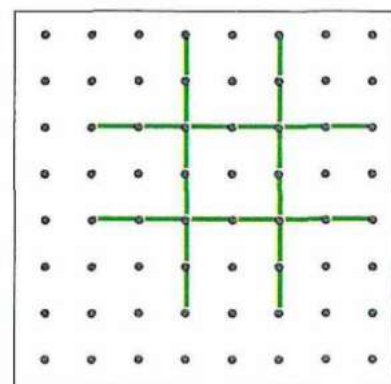
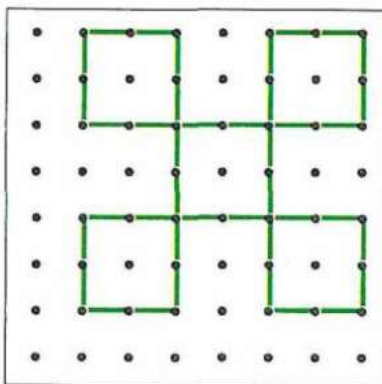
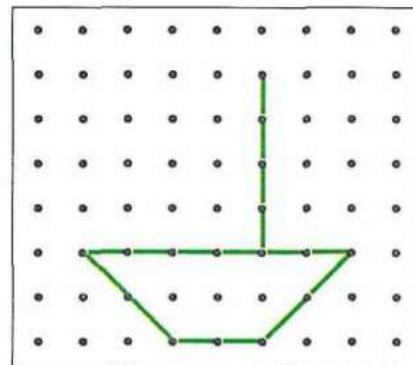
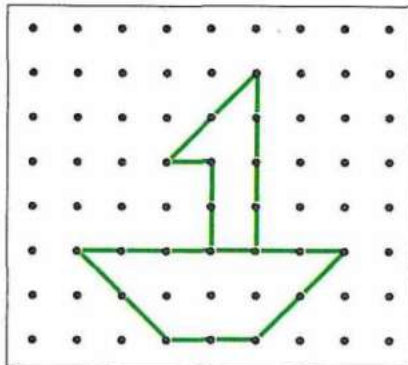
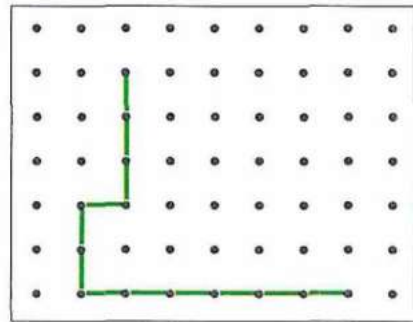
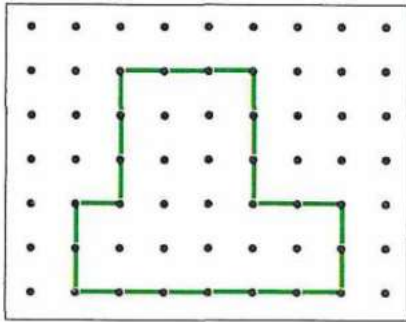


_____ sticks
_____  shapes
_____  shapes



Complete the drawing to get the same shape.







Chapter (16)

What Time Is It?



Lesson (1)

What Time Is It? (Part 1)

Example

The short hand is on 8, and the long hand is on 12.



Long hand

Short hand

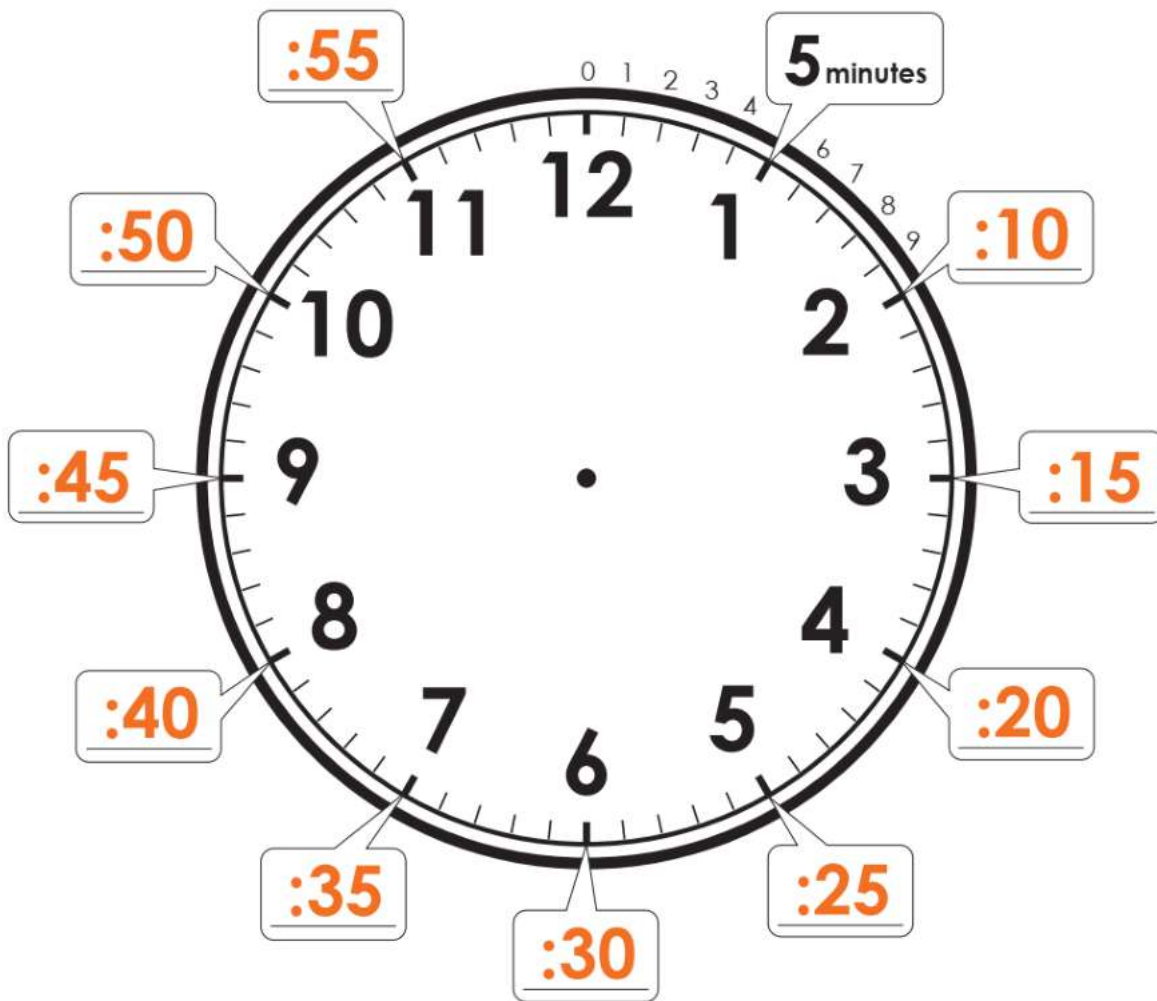
→ It is 8 o'clock





! The long hand shows the minutes.

One mark on the long hand shows 1 minute.



Let's read the clocks.

①



②





Write the time:



..... :



..... :



..... :



..... :



..... :



..... :



..... :



..... :



..... :



..... :



..... :



..... :





Lesson (2)

What Time Is It? (Part 2)

! The short hand shows the hour, the long hand shows the minutes.
One mark on the long hand shows 1 minute.

! When the short hand is between two numbers, read the smaller number.

Example



The short hand is between 8 and 9.
→ Read the smaller number; the time is 8 o'clock and some minutes (e.g., 8:30).

→ It is 8:30



Let's read the clocks.

①



②



③



Let's read the clocks.

①



②



③





Draw the long hand.

① 5:15



② 10:51



③ 11:08



HOMEWORK

Let's read the clocks.

①



②



Let's read the clocks.

①



②



③





Let's read the clocks.



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____



It is _____





Draw the long hand.



5 o'clock



7 o'clock



9 : 00



4 : 00



3 o'clock



11 : 00



1 : 00



2 o'clock



2 : 20



6 : 49



9 : 11



3 : 30



5 : 15



10 : 51



11 : 08



3 : 42



2 : 50



7 : 13



5 : 20

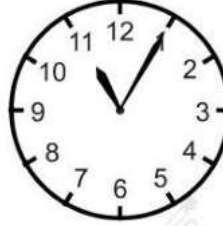
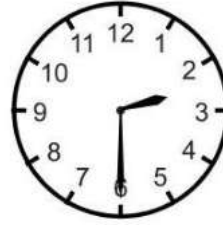
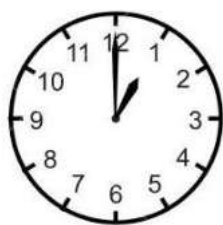
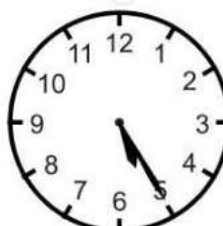


10 : 10





Circle: agree (👍) or disagree (👎):

 7 : 25  	 11 : 10  	 8 : 00  
 12 : 25  	 3 : 30  	 1 : 00  
 10 : 55  	 5 : 25  	 9 : 12  





Choose the correct answer:

A

- ☐ 04:30
- ☐ 03:20
- ☐ 03:40

B

- ☐ 08:05
- ☐ 08:10
- ☐ 01:40

C

- ☐ 02:30
- ☐ 06:10
- ☐ 01:30

D

- ☐ 11:25
- ☐ 11:50
- ☐ 05:55

E

- ☐ 07:45
- ☐ 09:35
- ☐ 06:45

F

- ☐ 06:25
- ☐ 07:35
- ☐ 05:35

G

- ☐ 03:45
- ☐ 02:40
- ☐ 08:15

H

- ☐ 10:30
- ☐ 03:45
- ☐ 10:15

I

- ☐ 09:50
- ☐ 11:50
- ☐ 09:55

J

- ☐ 02:40
- ☐ 04:20
- ☐ 04:10





Chapter (17)

Addition and Subtraction

Addition



$$3 + 2 = 5$$



$$3 \quad 2 \quad 5$$

Subtraction



$$4 - 1 = 3$$

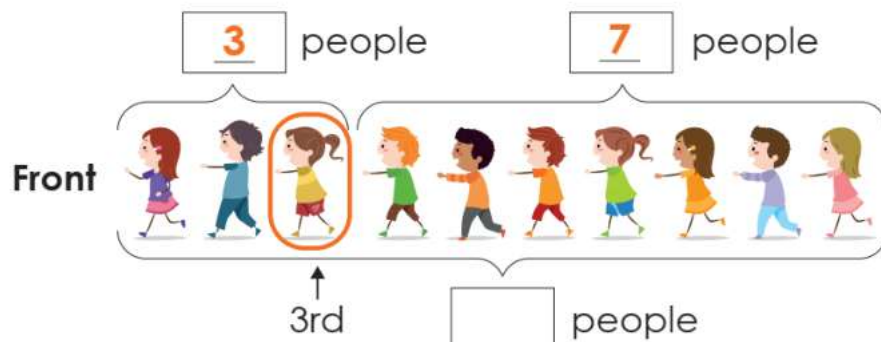


Lesson (1)

Addition and Subtraction (Part 1)

Example

Sara is the 3rd in the line from the front. There are 7 people behind Sara in the line. How many people are there in all?



Mathematical sentence: $3 + 7 = 10$

Answer: 10 people





I went up to the 7th step of the stairs. There are still 5 more steps above. How many steps are there in total? Write the mathematical sentence and the answer.



Maryam is the 7th in the line from the front. There are 3 people behind Maryam in the line. How many people are there in total? Write the mathematical sentence and the answer.



A group of people are standing in a line at the bus stop. Mohammed is the 9th from the front. There are 5 people behind Mohammed in the line. How many people are there in total? Write the mathematical sentence and the answer.



Mahmoud is the 4th in the line from the front. There are 7 people behind Mahmoud in the line. How many people are there in total? Write the mathematical sentence and the answer.



You went up to the 8th step of the stairs. There are still 6 more steps above. How many steps are there in total? Write the mathematical sentence and the answer.



**Example**

There are 13 children standing in a line. Hassan is the 4th from the front. How many children are behind Hassan?



Mathematical sentence: $13 - 4 = 9$

Answer: 9 children



There are 12 books on the bookshelf. The animal book is the 4th book from the left. How many books are to the right of the animal book? Write the mathematical sentence and the answer.



There are 17 steps in total. You went up to the 9th step. How many steps are left? Write the mathematical sentence and the answer.



There are 16 books on the bookshelf. The food book is the 7th book from the left. How many books are to the right of the food book? Write the mathematical sentence and the answer.



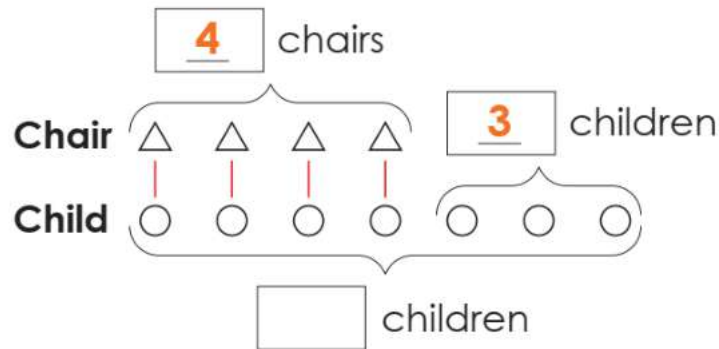


Lesson (2)

Addition and Subtraction (Part 2)

Example

There are 4 chairs, and one child is sitting on each chair. There are 3 children standing. How many children are there in total?



Mathematical sentence: $4 + 3 = 7$ Answer: 7 children



Six children are each drinking one juice box. There are 7 more juice boxes left. How many juice boxes are there in total? Write the mathematical sentence and the answer.



You have 12 sheets of drawing paper. You give 1 sheet to each of the 9 children. How many sheets of drawing paper are left? Write the mathematical sentence and the answer.





8 children are each eating one strawberry. There are 5 more strawberries left. How many strawberries are there in total? Write the mathematical sentence and the answer.



There are 9 chairs, and one child is sitting on each chair. There are 3 children standing. How many children are there in total? Write the mathematical sentence and the answer.



You have 18 sheets of drawing paper. You give 1 sheet to each of the 9 children. How many sheets of drawing paper are left? Write the mathematical sentence and the answer.

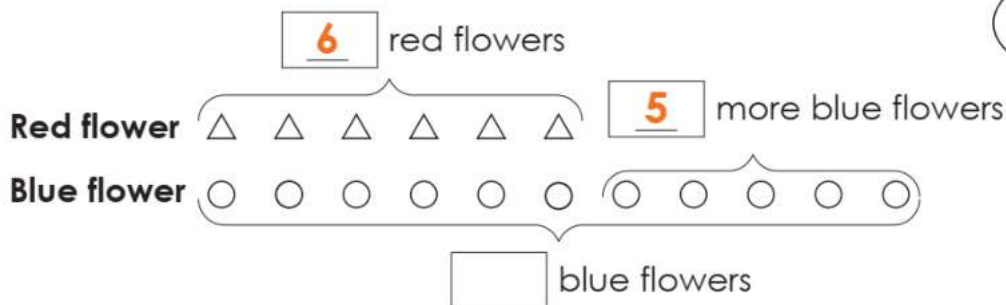


Lesson (3)

Addition and Subtraction (Part 3)

Example

There are 6 red flowers blooming. It seems there are 5 more blue flowers than red flowers. How many blue flowers are blooming?



Where is the part that is more?



Mathematical sentence: $6 + 5 = 11$

Answer: 11 blue flowers





You bought 8 apples. You bought 4 more oranges than apples. How many oranges did you buy? Write the mathematical sentence and the answer.



There are 7 children. There are 5 more adults than children. How many adults are there? Write the mathematical sentence and the answer.



There are 6 dogs. It seems there are 7 more cats than dogs. How many cats are there? Write the mathematical sentence and the answer.



There are 9 blue pens. It seems there are 8 more red pens than blue pens. How many red pens are there? Write the mathematical sentence and the answer.



HOMEWORK

Ahmed is the 2nd in the line from the front. There are 10 people behind Ahmed in the line. How many people are there in all ?



Ibrahim is the 7th in the line from back. There are 6 students in front of Ibrahim in the line. How many students are there in total ?





A group of players are standing in a line at the playground. Shaker is the 5th from the back. There are 6 players in front of Shaker. How many players are there in total ?



In a library, the dictionary is placed on a shelf. It is the tenth book from the left end of the shelf. There are six books to the right of the dictionary. How many books are on that shelf in total?



A list has 15 items. If the book you are looking for is the 8th item from the top, how many items are listed below it ?

The mathematical sentence : _____

The answer : _____



7 chairs are available. 11 children will each sit on one chair. How many children will not be able to sit on a chair? Write the mathematical sentence and the answer.



There are 13 cakes. 5 children each eat 1 cake. How many cakes are left? Write the mathematical sentence and the answer.





You bought candy and gave it to 10 children. You still have 6 candies left. How many candies did you buy in total? Write the mathematical sentence and the answer.



There are 4 boys. It seems there are 7 more girls than boys. How many girls are there? Write the mathematical sentence and the answer.



You have 5 tomatoes. It seems you have 6 more potatoes than tomatoes. How many potatoes do you have? Write the mathematical sentence and the answer.



You have 3 candies. It seems there are 9 more cookies than candies. How many cookies are there? Write the mathematical sentence and the answer.



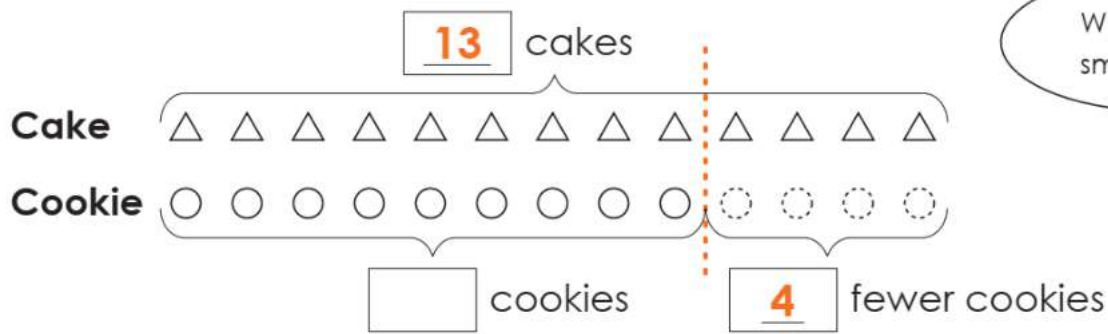


Lesson (4)

Addition and Subtraction (Part 4)

Example

There are 13 cakes. It seems there are 4 fewer cookies than cakes. How many cookies are there?



Where is the smaller part?



Mathematical sentence: $13 - 4 = 9$ Answer: 9 cookies



There are 11 red balloons. It seems there are 3 fewer yellow balloons than red balloons. How many yellow balloons are there? Write the mathematical sentence and the answer.



There are 12 melons. It seems there are 4 fewer watermelons than melons. How many watermelons are there? Write the mathematical sentence and the answer.



There are 15 ducks. It seems there are 8 fewer chickens than ducks. How many chickens are there? Write the mathematical sentence and the answer.



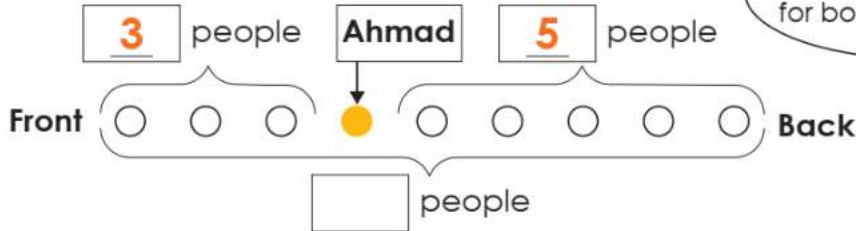


Lesson (5)

Addition and Subtraction (Part 5)

Example

The people are standing in a line. There are 3 people in front of Ahmad, and there are 5 people in back of him. How many people are there in the line in all?



The answer is the same for both equations!



Way of thinking <1>

Mathematical sentence: $3 + 5 + 1 = 9$ Answer: 9 people

The people in front (3) + The people in back (5) + Ahmad (1)

Way of thinking <2>

Mathematical sentence: $3 + 1 + 5 = 9$ Answer: 9 people

The people in front (3) + Ahmad (1) + The people in back (5)



There are books on a bookshelf. There are 3 books to the left of the Math book, and 4 books to the right. How many books are there in all? Write the mathematical sentence and the answer.



There are people in a line at the bus stop. There are 5 people in front of Yara, and there are 3 people in back of her in the line. How many people are there in the line in all? Write the mathematical sentence and the answer.



There are different colored crayons in a line. There are 4 crayons to the left of the yellow crayon, and 2 crayons to the right. How many crayons are there in all? Write the mathematical sentence and the answer.





There are different colored crayons in a line. There are 4 crayons to the left of the yellow crayon, and 2 crayons to the right. How many crayons are there in all? Write the mathematical sentence and the answer.



HOMEWORK

Hassan read 14 pages of a book. Sora read 5 fewer pages than Hassan. How many pages did Sora read? Write the mathematical sentence and the answer.



There are 13 bees. There are 6 fewer butterflies than bees. How many butterflies are there? Write the mathematical sentence and the answer.



There are 18 children. It seems there are 9 fewer teachers than children. How many teachers are there? Write the mathematical sentence and the answer.



There are 17 camels. It seems there are 8 fewer lions than camels. How many lions are there? Write the mathematical sentence and the answer.



Fatma is climbing the stairs. When she counted partway up, there were 6 steps below her and 6 steps above her. How many steps are there in all? Write the mathematical sentence and the answer.





Children are sitting in a row. Mariam is sitting and 6 children is sitting to the left, and there are 2 children to the right. How many children are sitting in all? Write the mathematical sentence and the answer.



There are people in a line in front of the store. There are 3 people in front of Ali, and there are 3 people in back of him in the line. How many people are there in the line in all? Write the mathematical sentence and the answer.



Kareem is climbing the stairs. When he counted partway up, there were 8 steps below him and 5 steps above him. How many steps are there in all? Write the mathematical sentence and the answer.

